

FIG.1

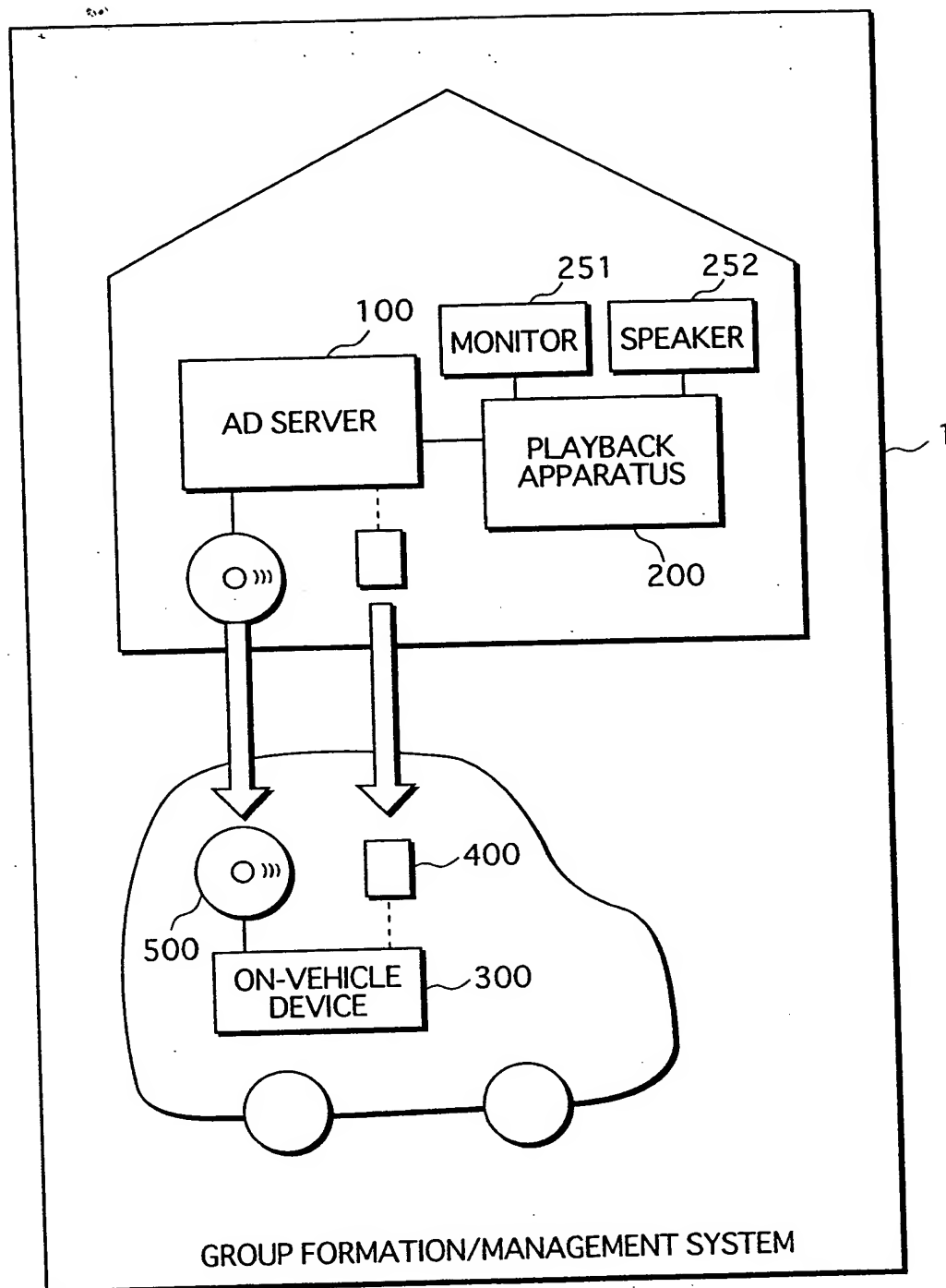


FIG. 2 100

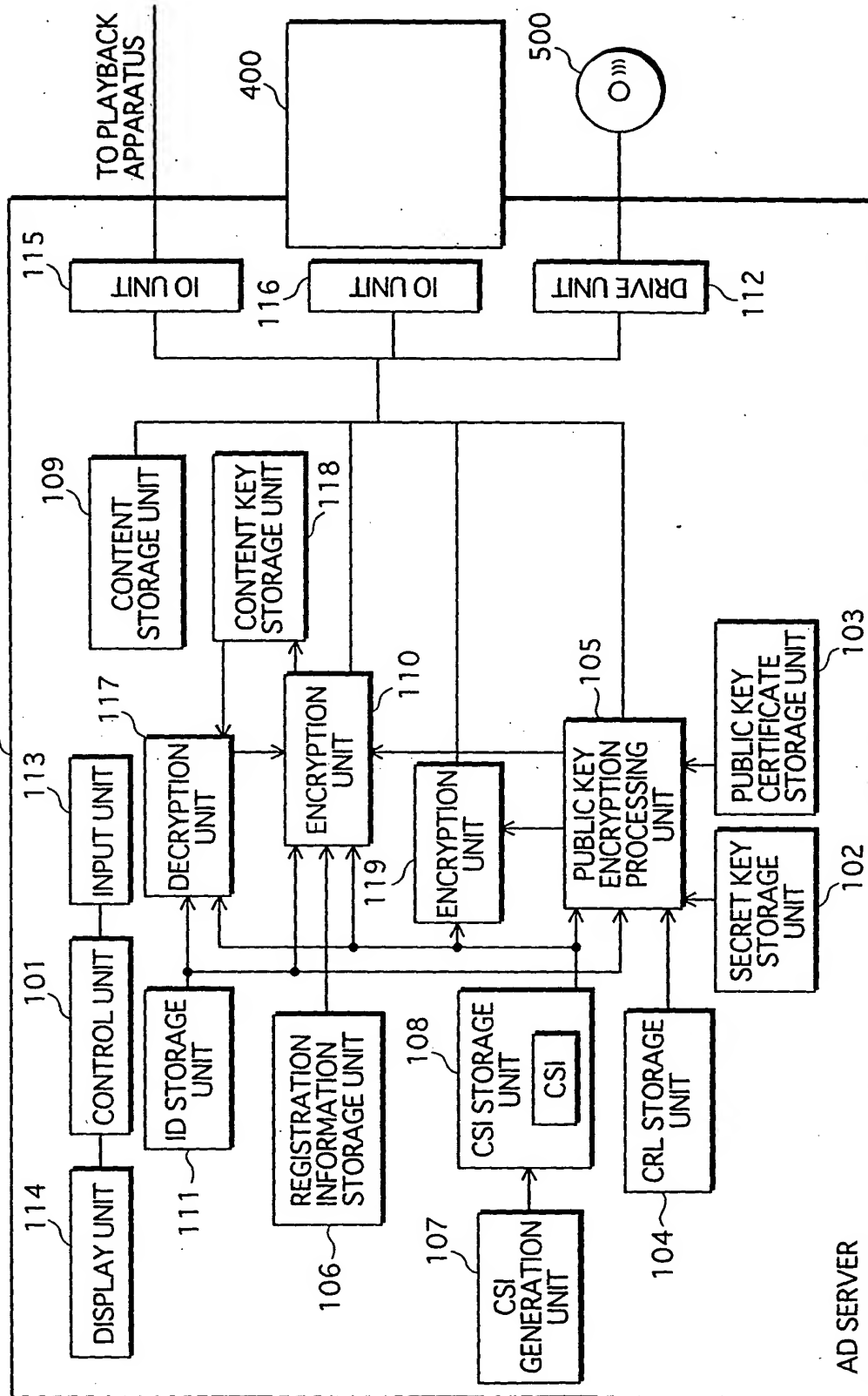


FIG.3A

| REGISTRATION INFORMATION | |
|--------------------------|------|
| DEVICE ID | |
| | |
| MAXIMUM | 2 |
| REGISTERED | 0 |
| REMAINING | 2 |
| IC CARD ID | ID_4 |

FIG.3B

| REGISTRATION INFORMATION | |
|--------------------------|------|
| DEVICE ID | ID_2 |
| | ID_3 |
| MAXIMUM | 2 |
| REGISTERED | 2 |
| REMAINING | 0 |
| IC CARD ID | ID_4 |

FIG. 4

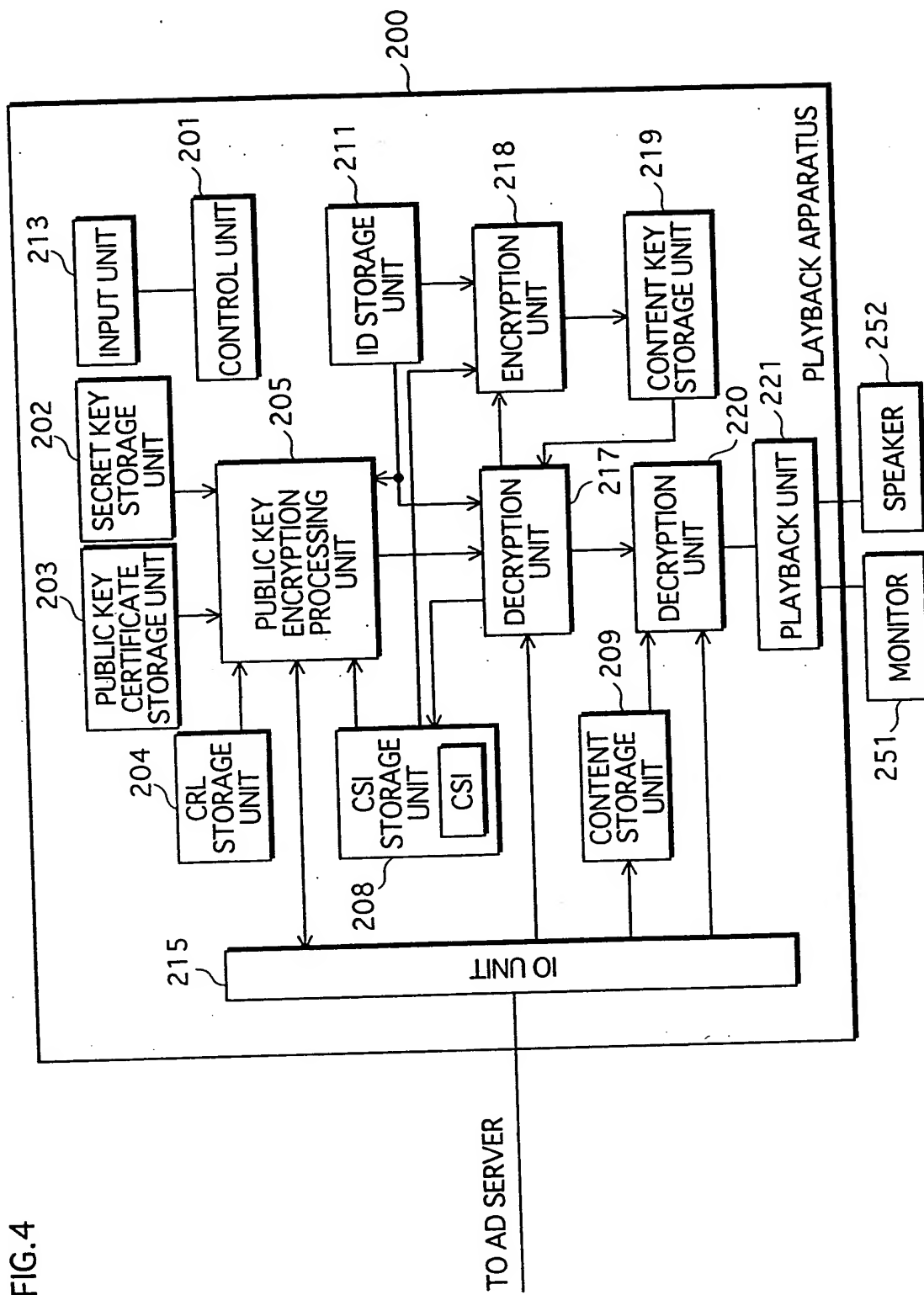


FIG. 5

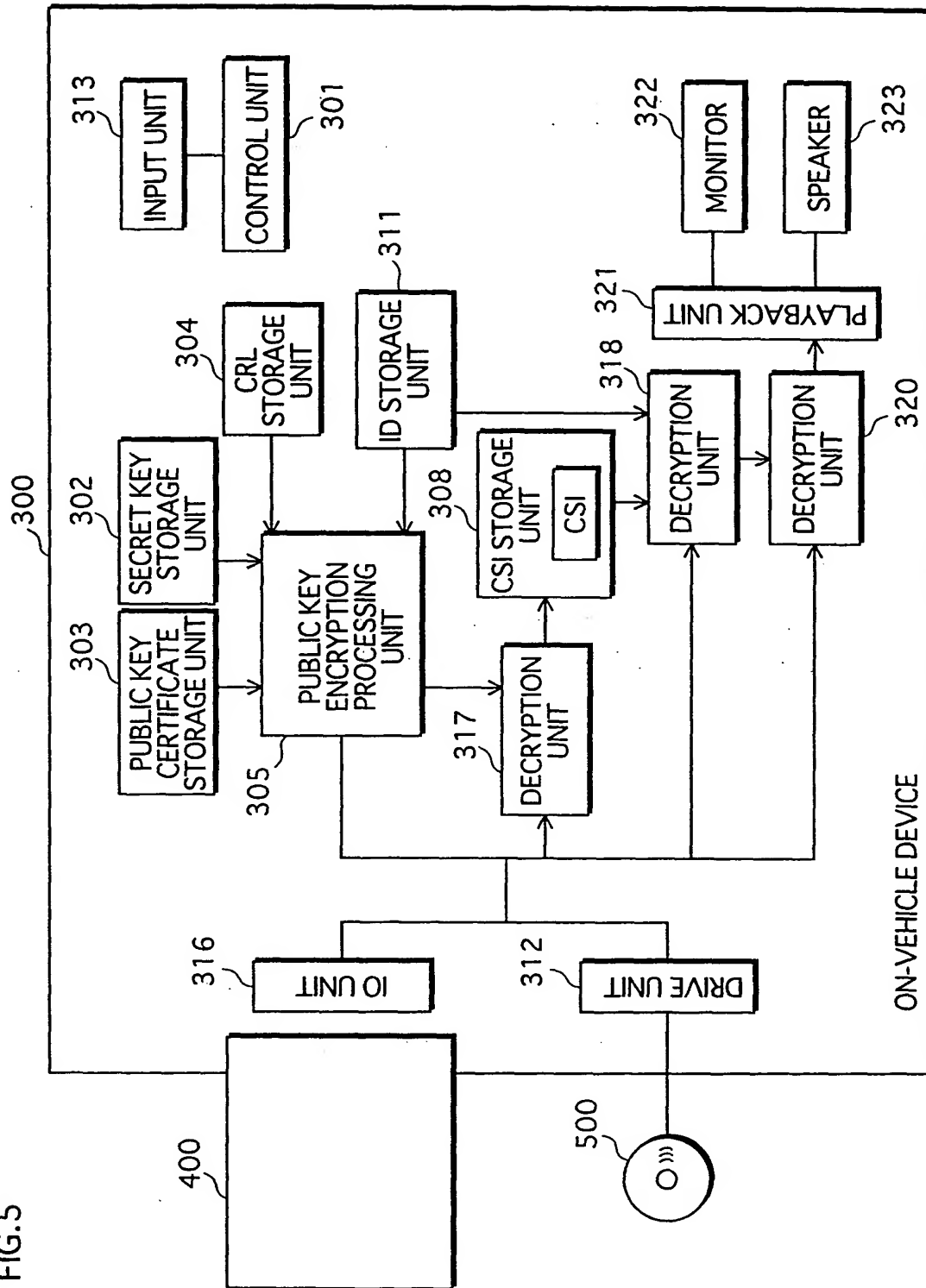


FIG. 6

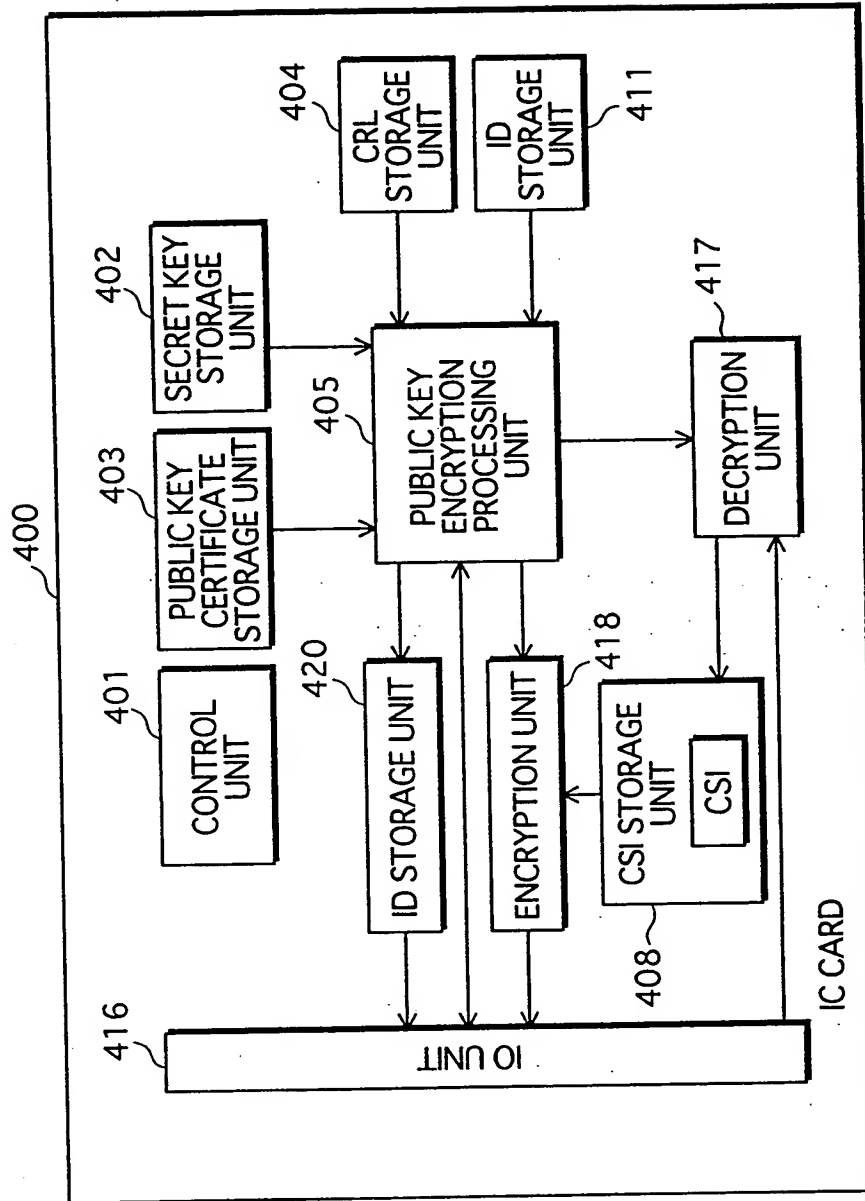


FIG.7

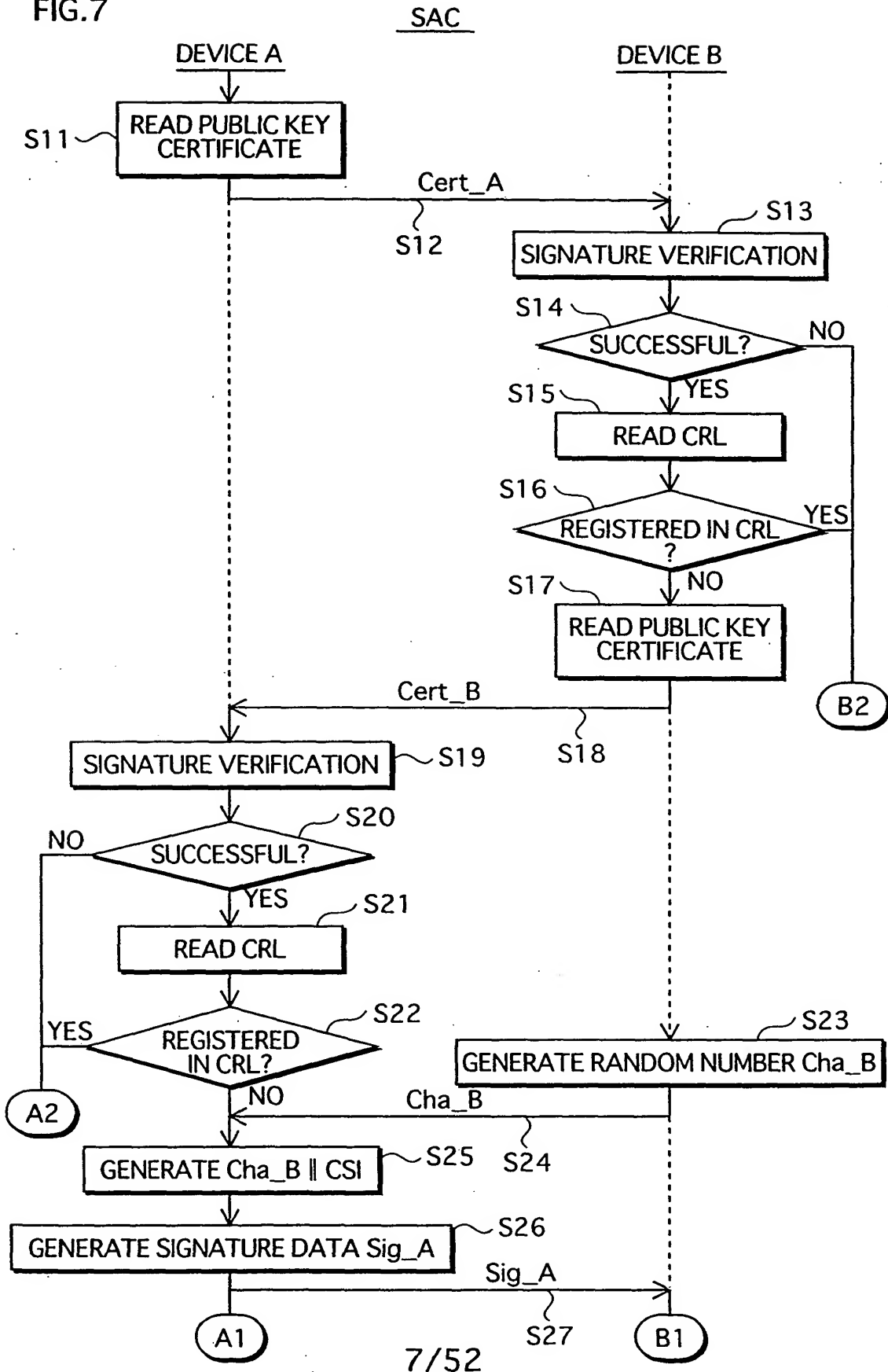


FIG.8

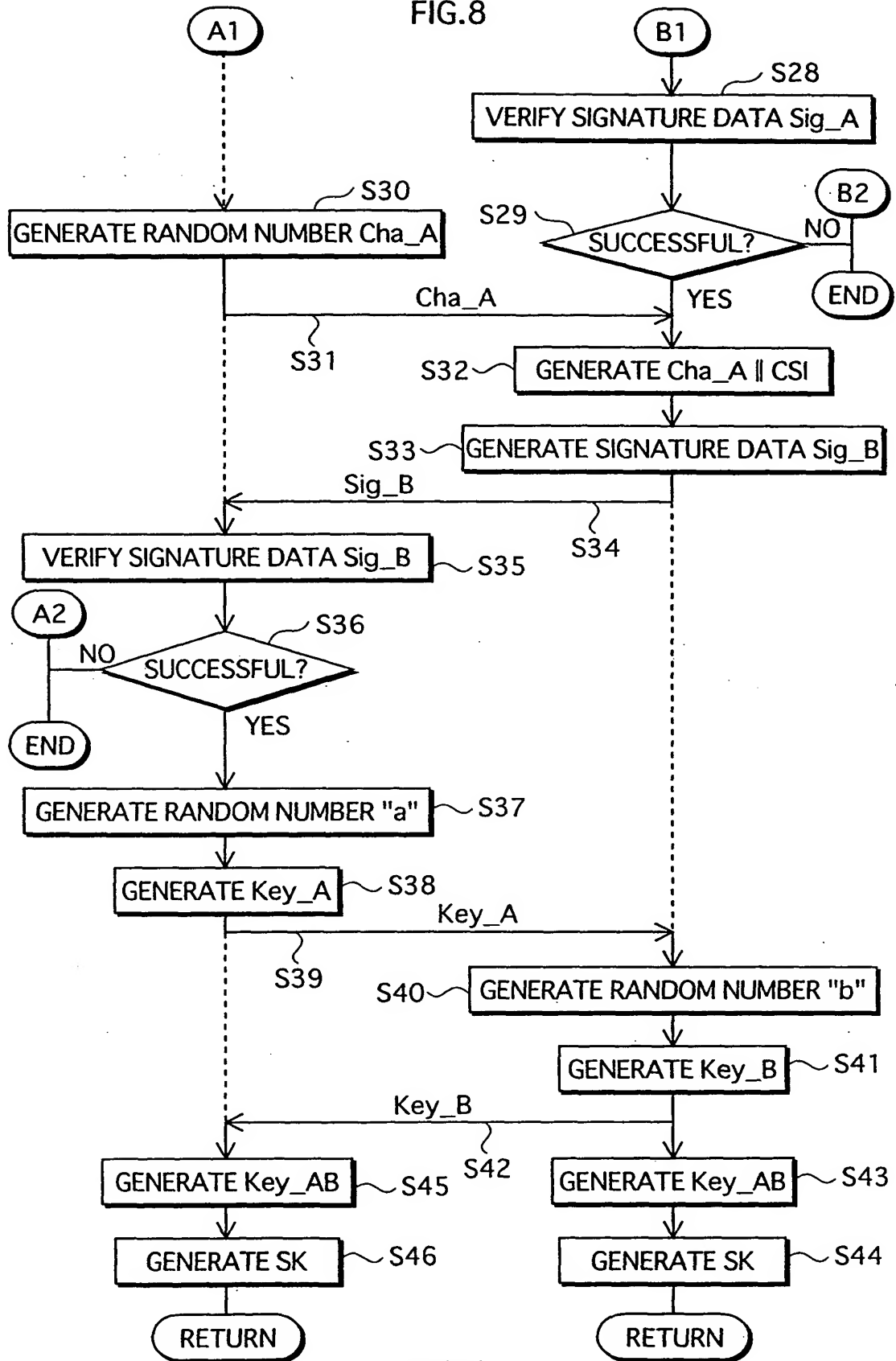


FIG.9

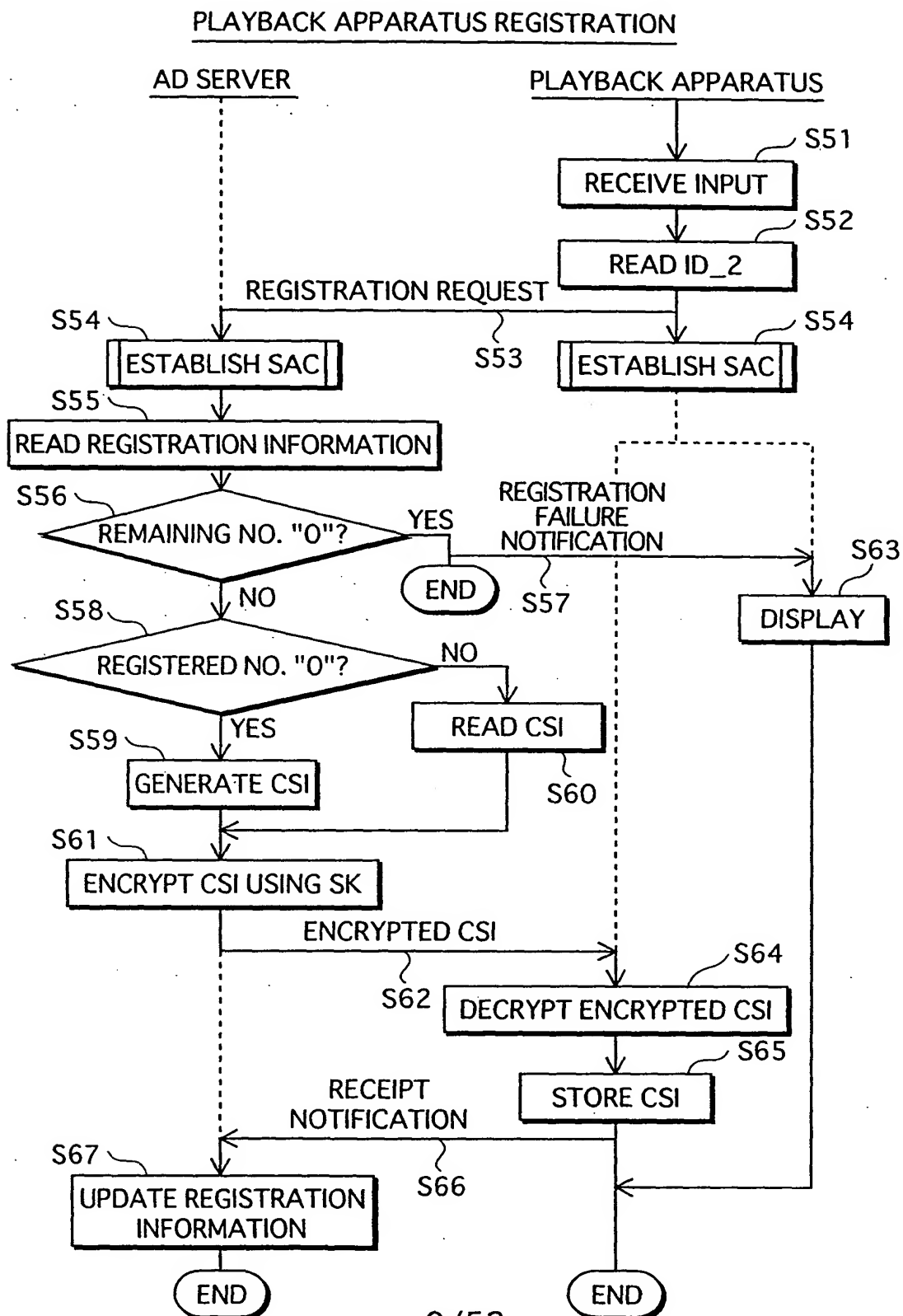


FIG.10

ON-VEHICLE REGISTRATION (1)

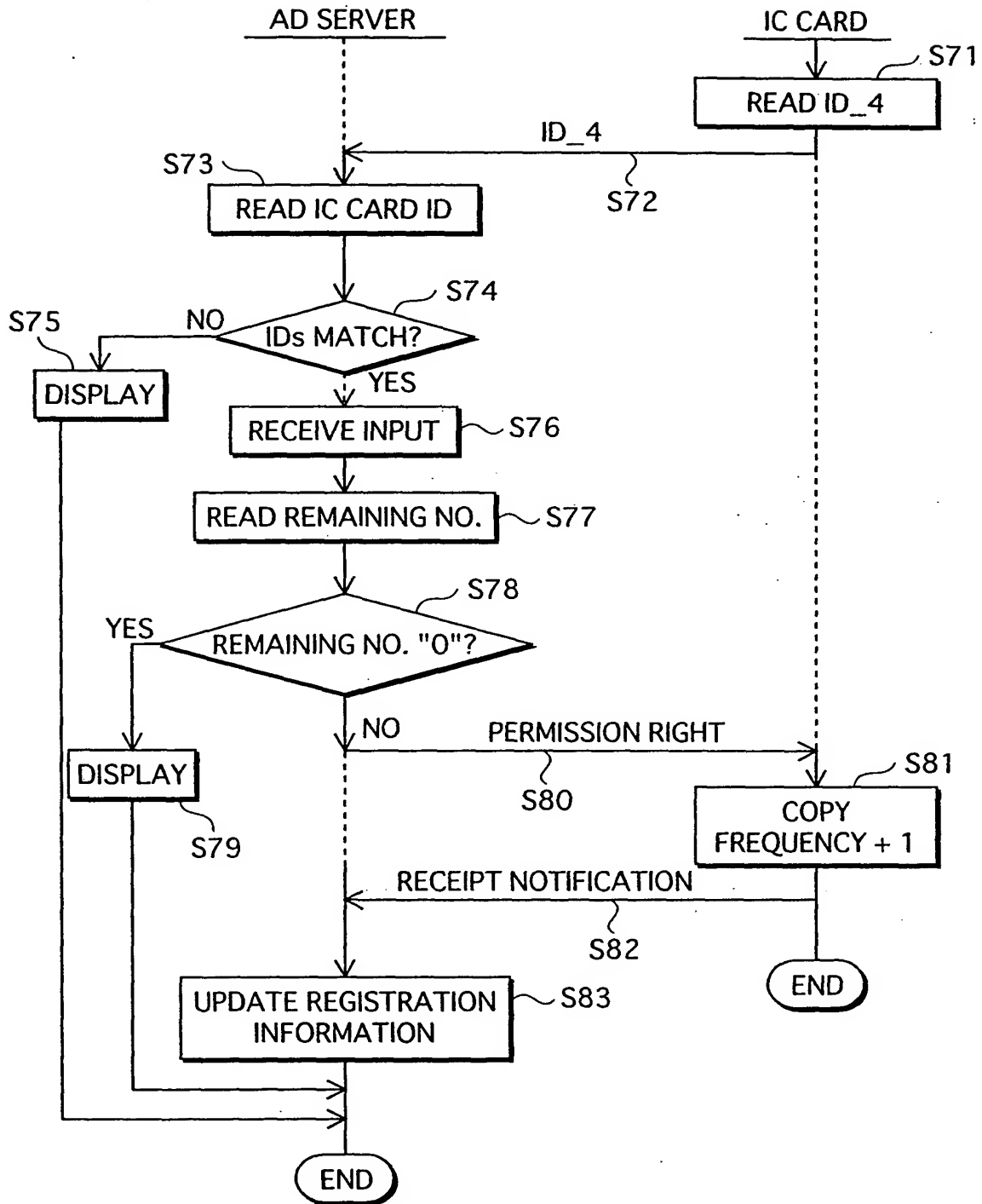


FIG.11

ON-VEHICLE REGISTRATION (2)

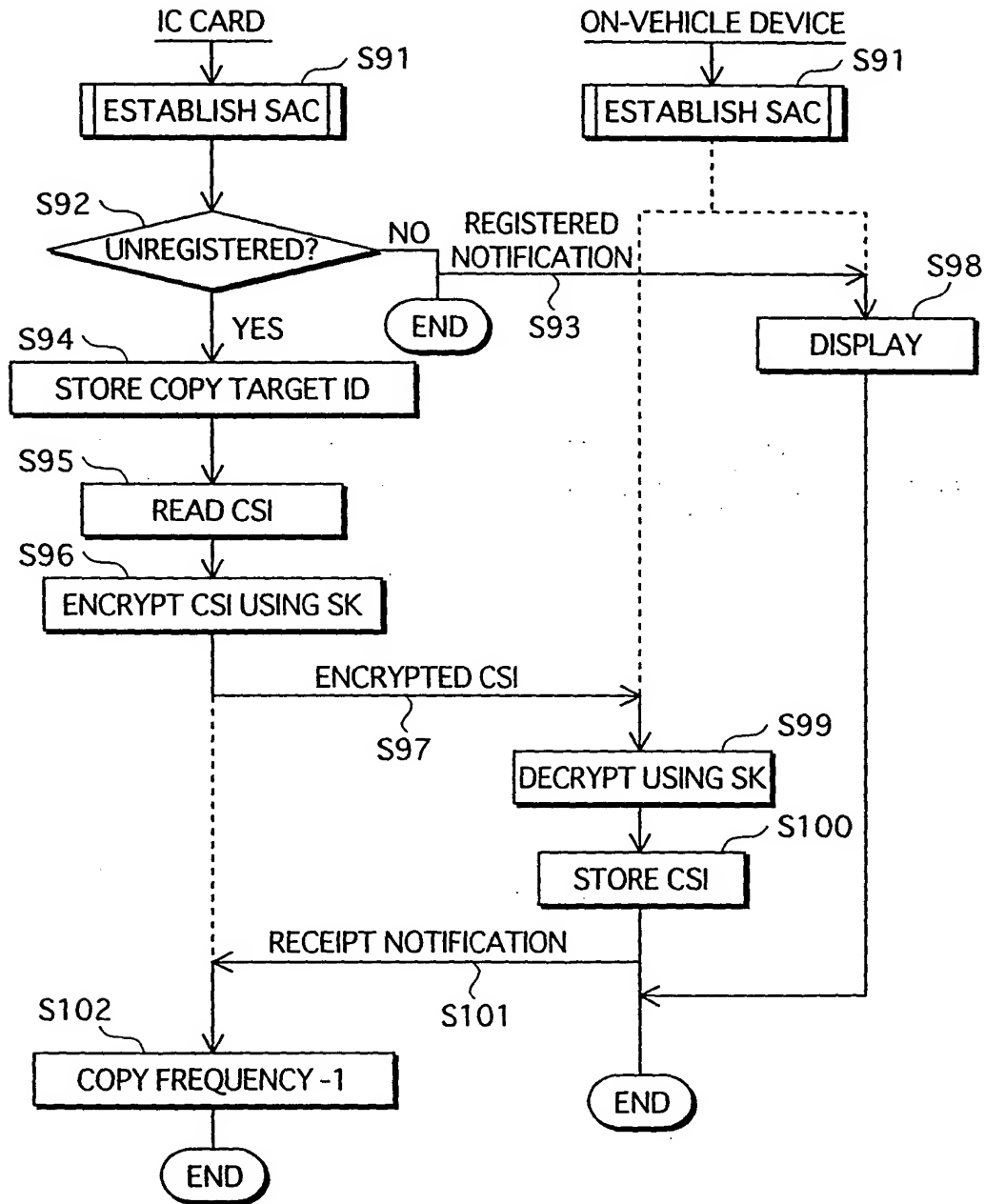


FIG.12

CONTENT DELIVERY

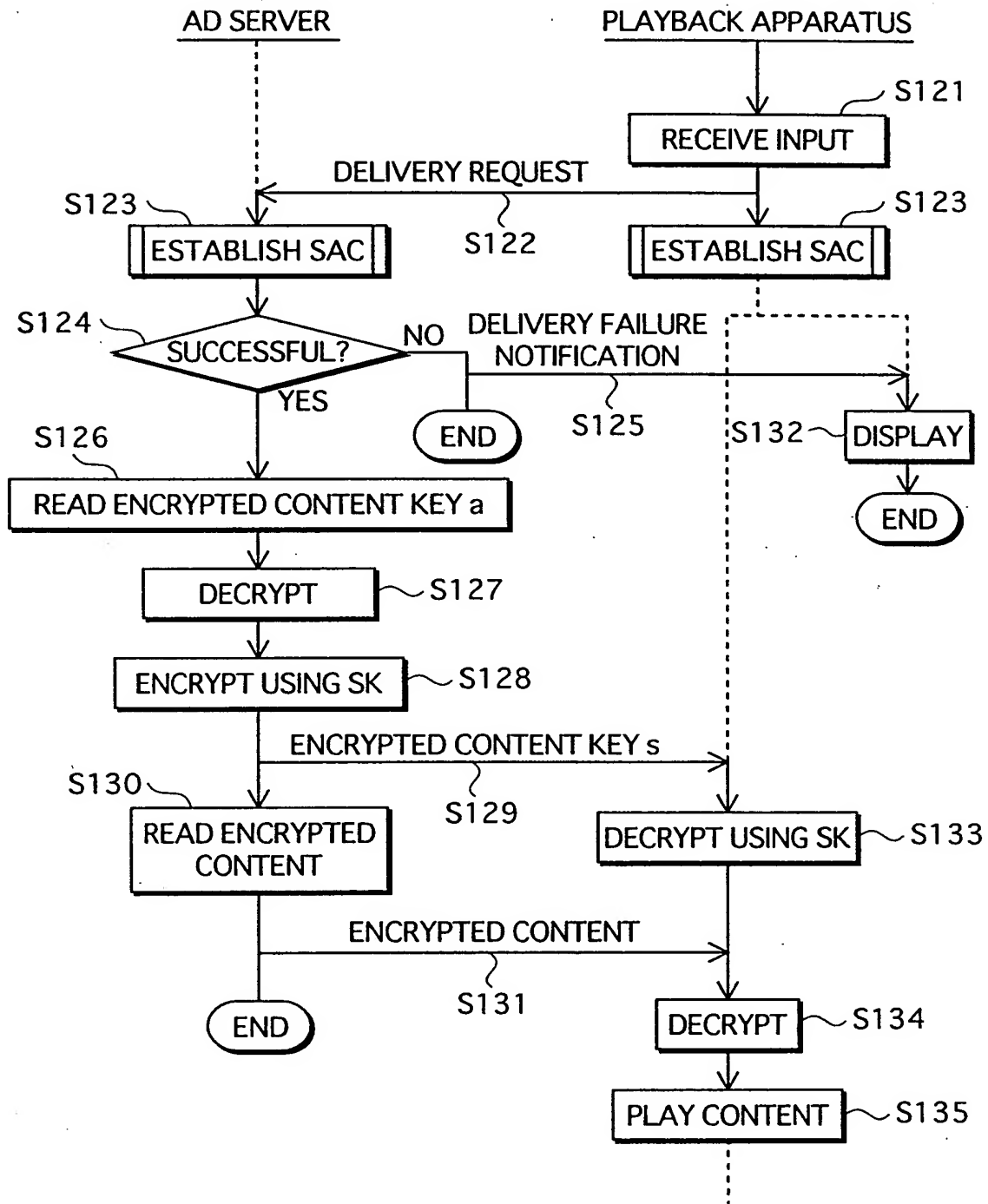


FIG.13

CONTENT DELIVERY

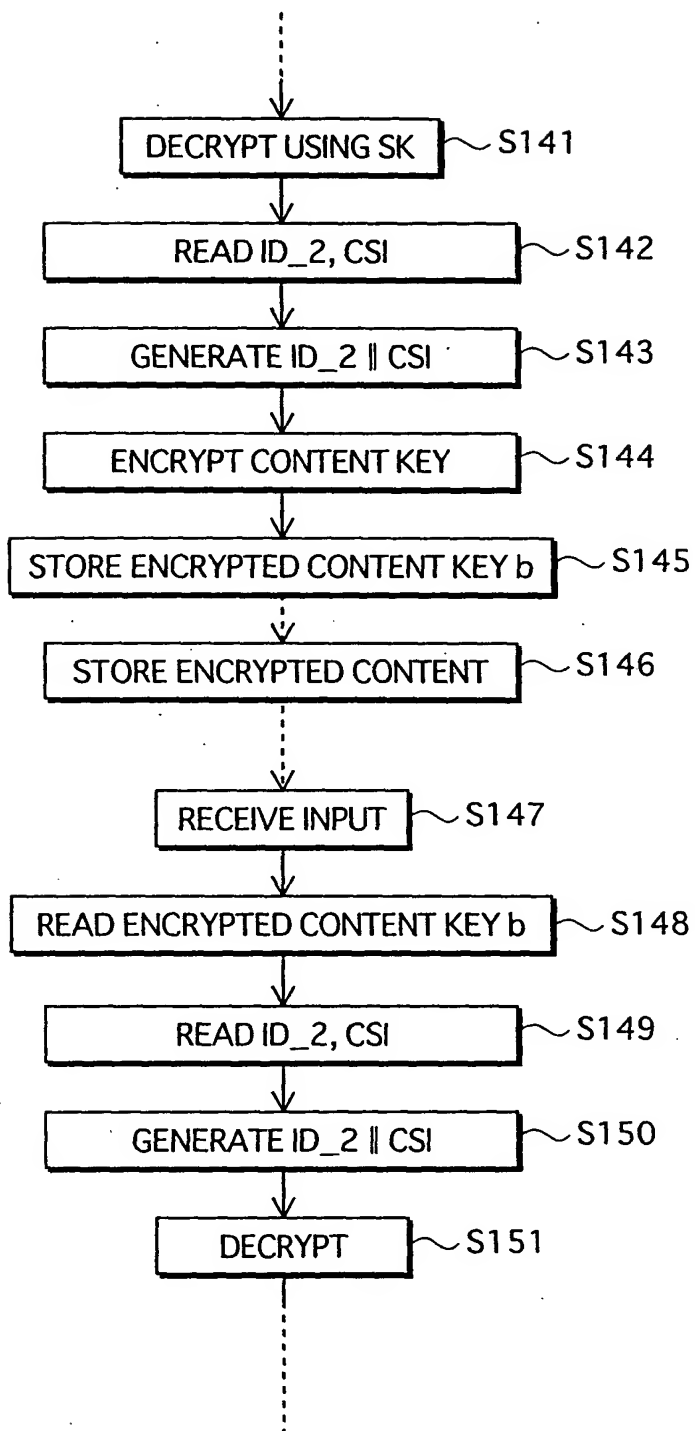


FIG.14

RECORDING ONTO DVD

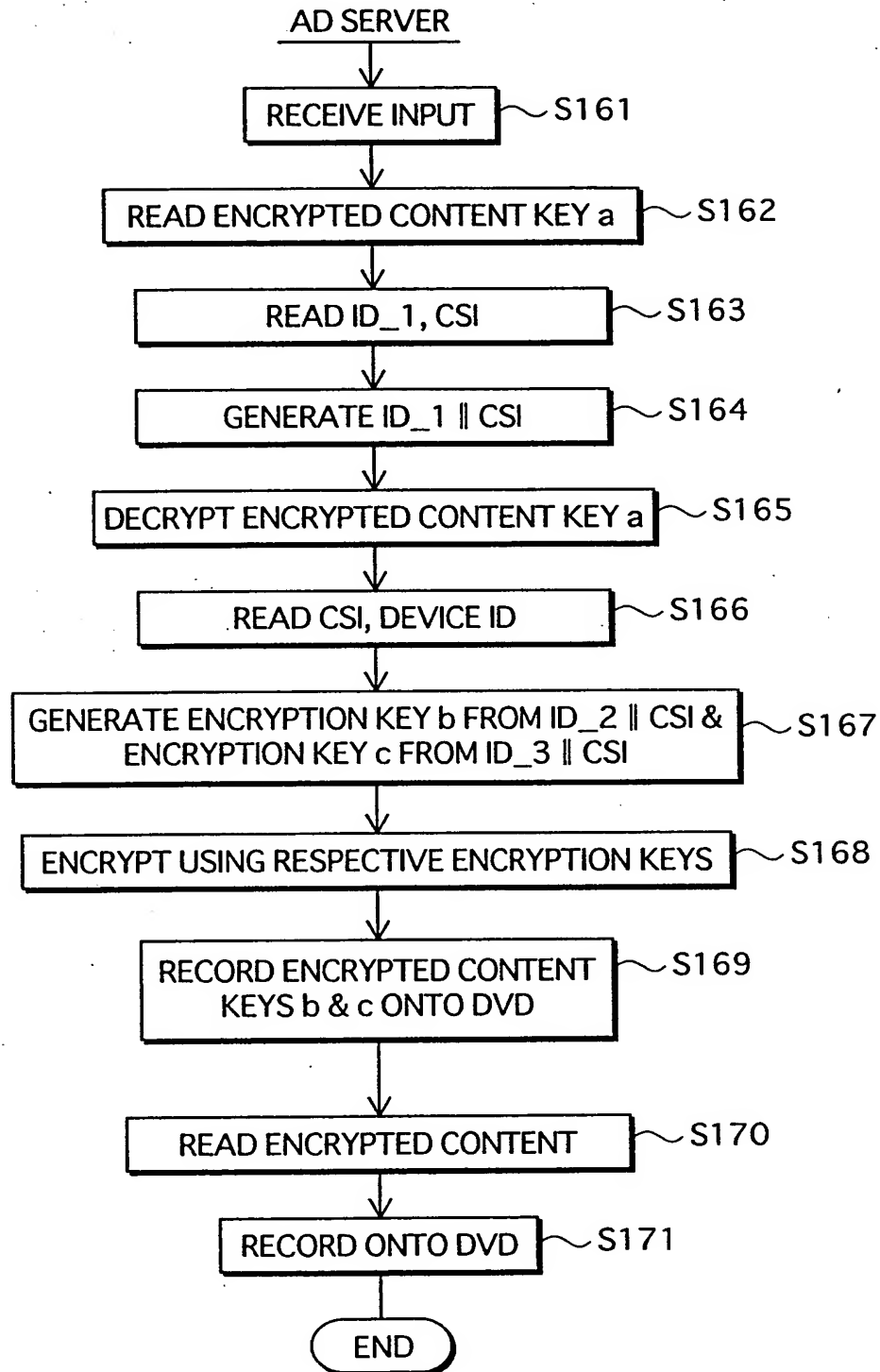


FIG.15

WITHDRAWAL

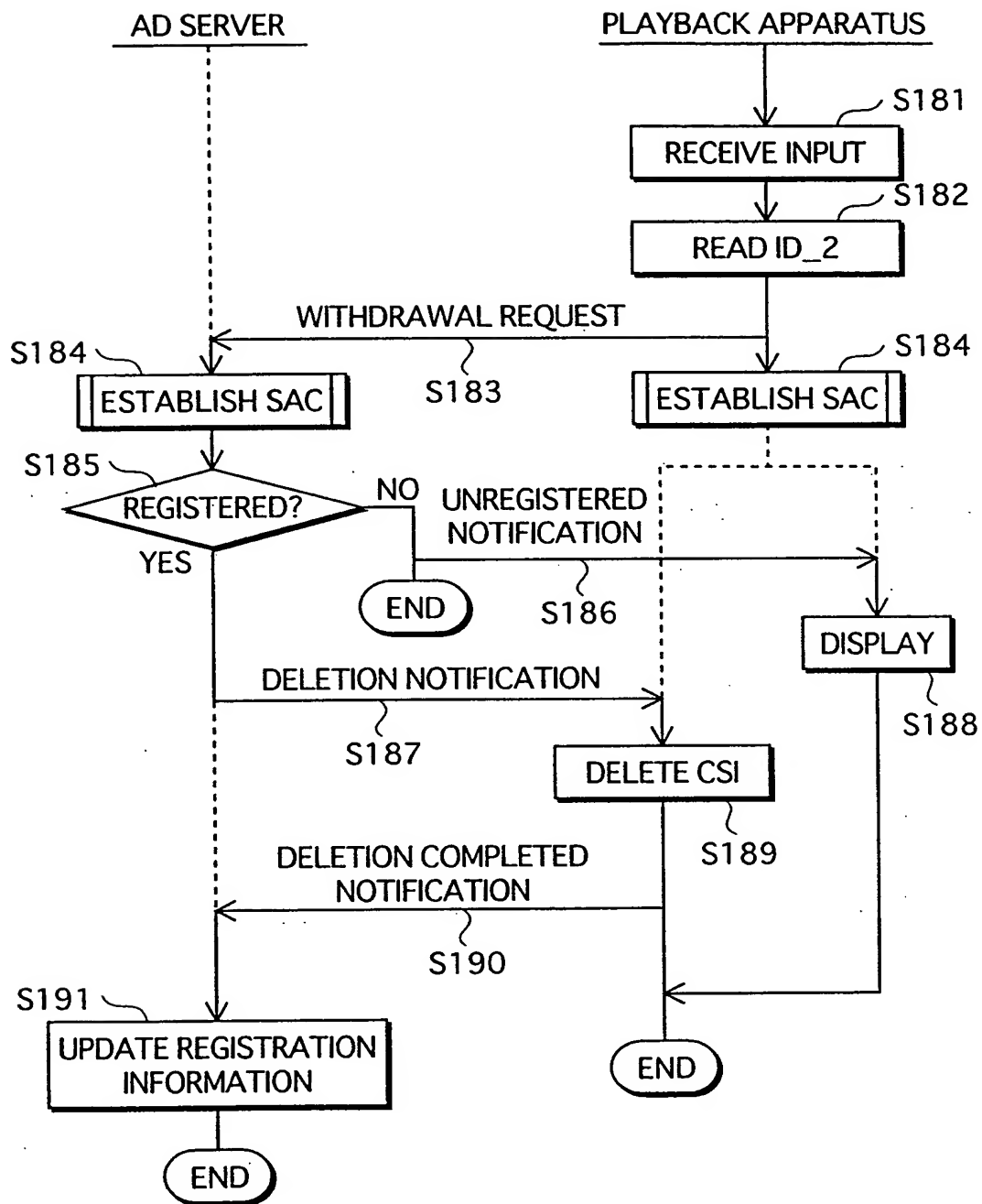


FIG.16

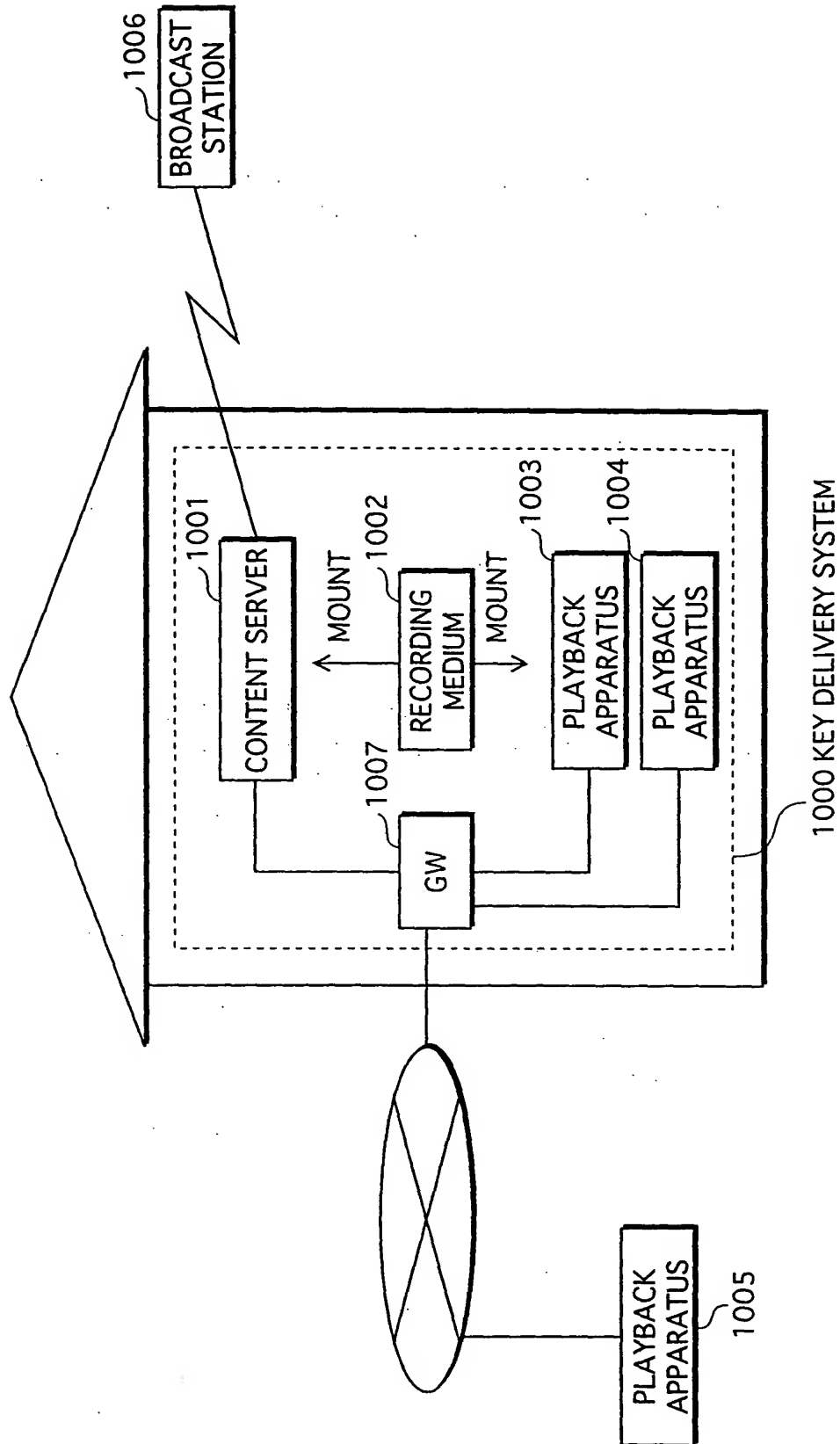


FIG.17

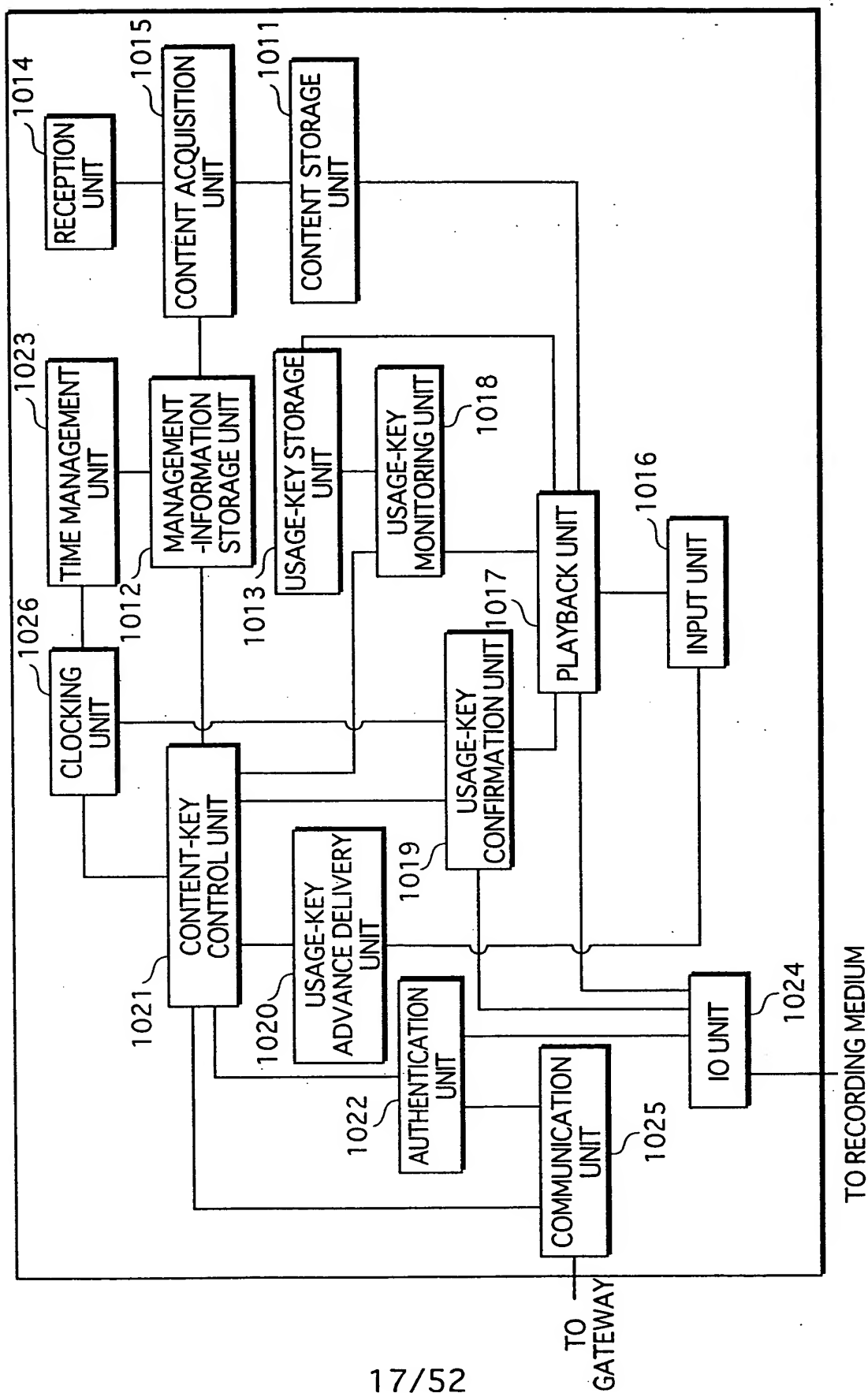


FIG.18

| INFORMATION ID "C1" | ENCRYPTED CONTENT | "CNT1" |
|---------------------|-------------------|-------------|
| "C2" | | "CNT2" |
| "C3" | | "CNT3" |
| • • • | | • • • |

1011

FIG.19

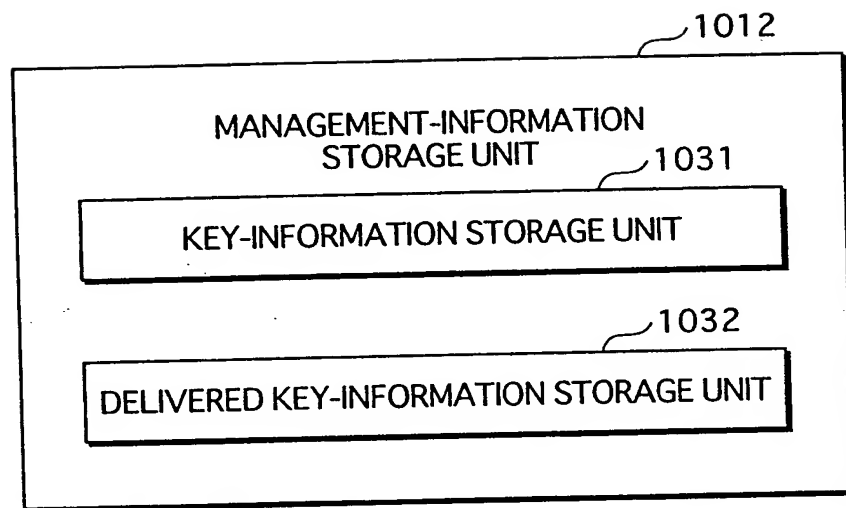


FIG.20

T1001

| CONTENT KEY ID | CONTENT KEY | CORRESPONDING -INFORMATION ID | TOTAL NO. | REMAINING NO. | TIME PERIOD RESTRICTION |
|----------------|-------------|----------------------------------|--------------|------------------|----------------------------|
| 1 | CK1 | C1 | 5 | 4 | 24 HRS |
| 2 | CK2 | C2 | 5 | 3 | 24 HRS |
| 3 | CK3 | C3 | 5 | 5 | 24 HRS |
| • | • | • | • | • | • |
| • | • | • | • | • | • |
| • | • | • | • | • | • |

FIG.21

T1002
↙

| DELIVERED CONTENT KEY ID | USAGE PERIOD |
|-----------------------------|----------------------|
| 1 | 10/7/2003 19 : 00 |
| 2 | 10/7/2003 21 : 30 |
| ⋮ | ⋮ |
| ⋮ | ⋮ |
| ⋮ | ⋮ |

FIG.22

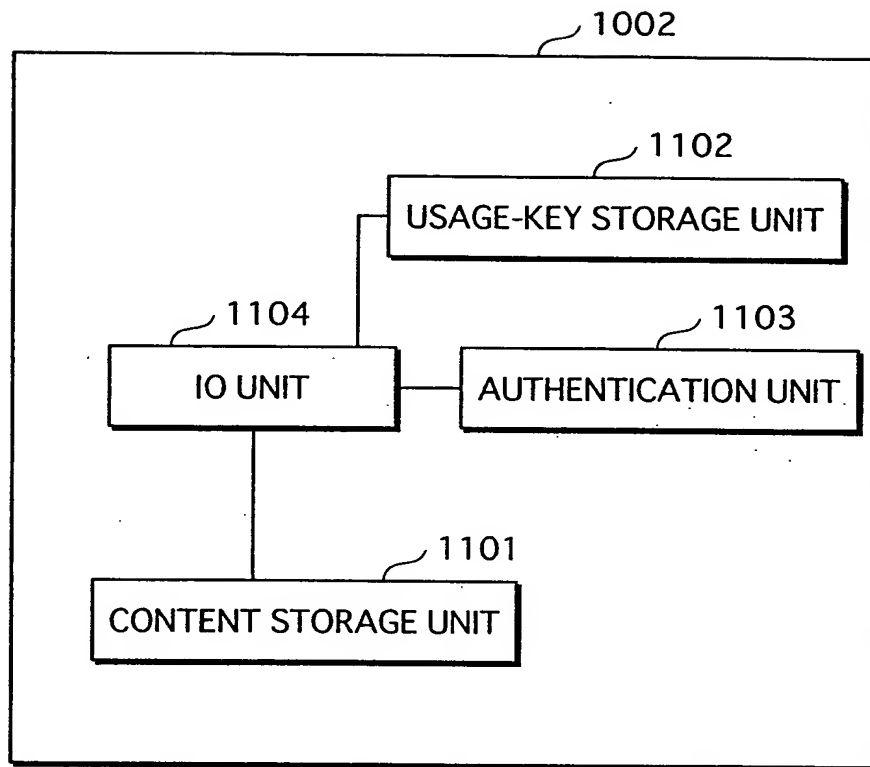


FIG.23

T1101

| CONTENT KEY ID | CONTENT KEY | CORRESPONDING -INFORMATION ID | USAGE PERIOD |
|----------------|-------------|----------------------------------|--------------------|
| 1 | CK1 | C1 | 10/7/2003 19:00 |
| 2 | CK2 | C2 | 10/7/2003 21:30 |
| . | . | . | . |
| . | . | . | . |
| . | . | . | . |

FIG.24

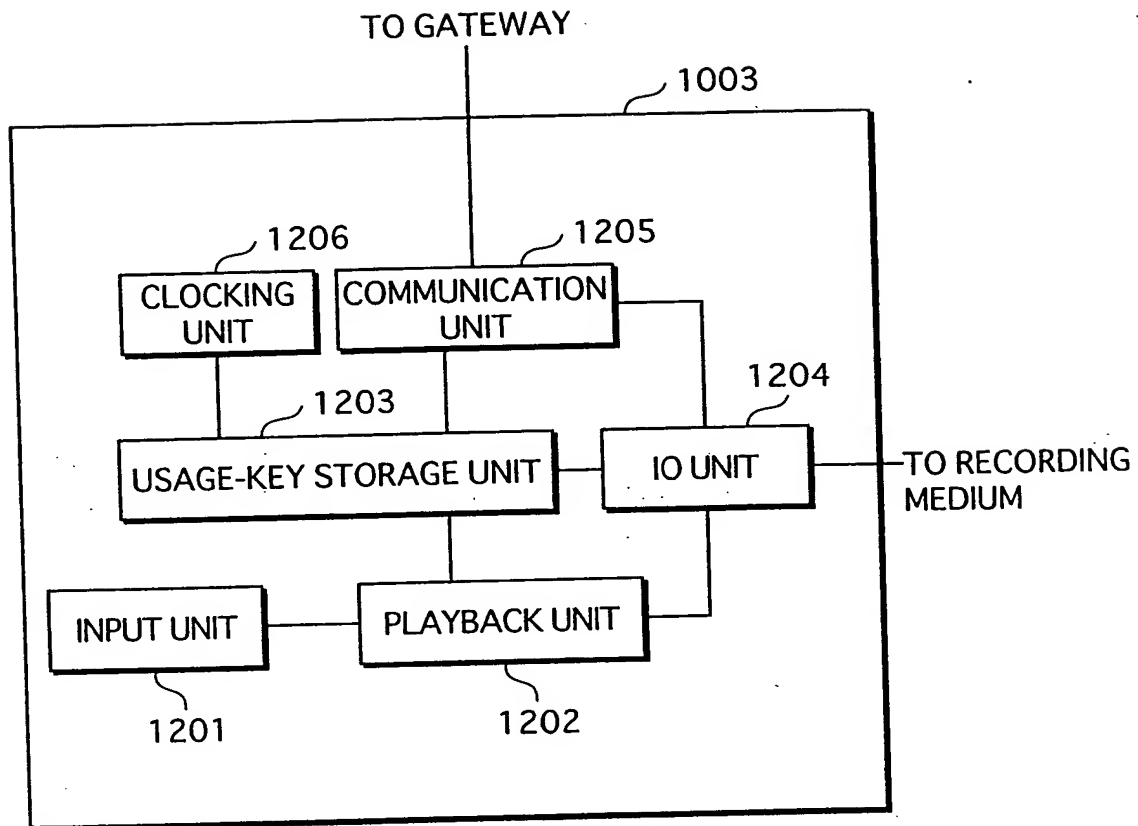


FIG.25

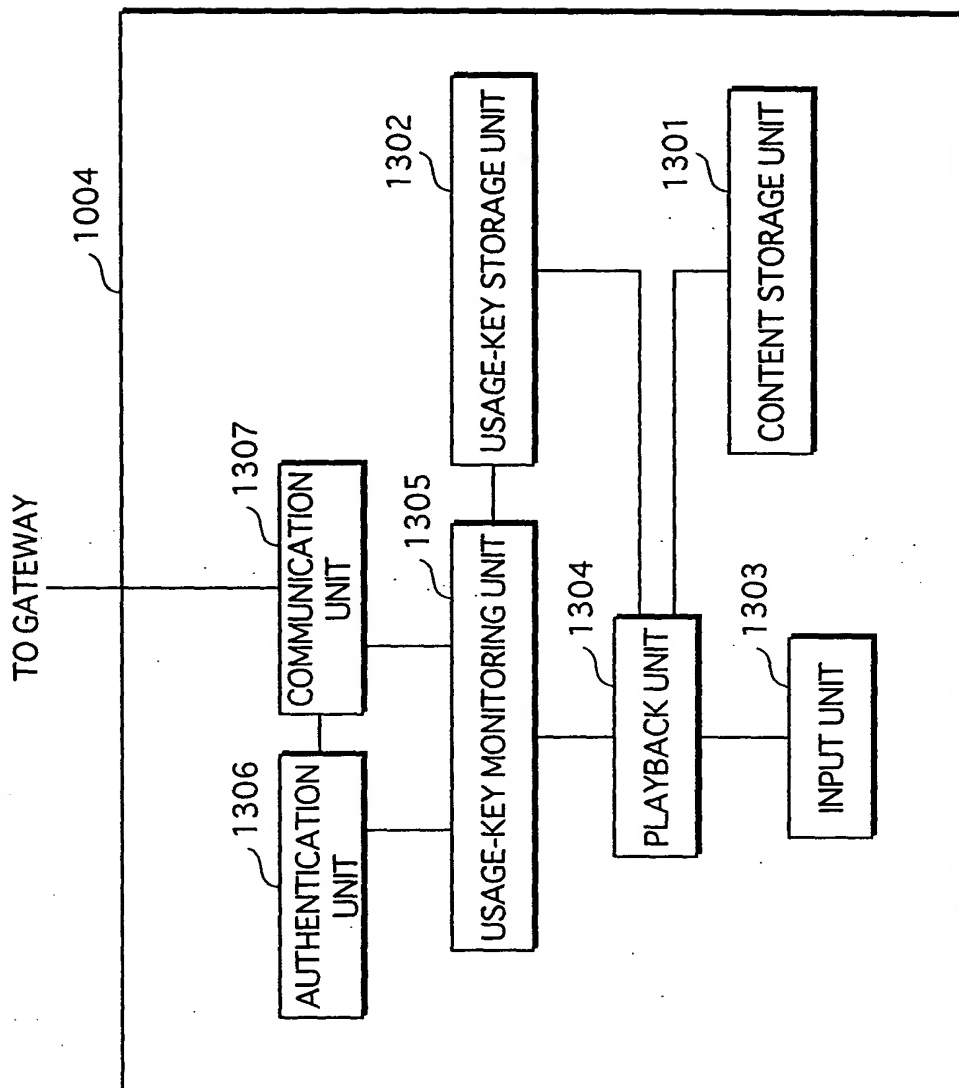


FIG.26

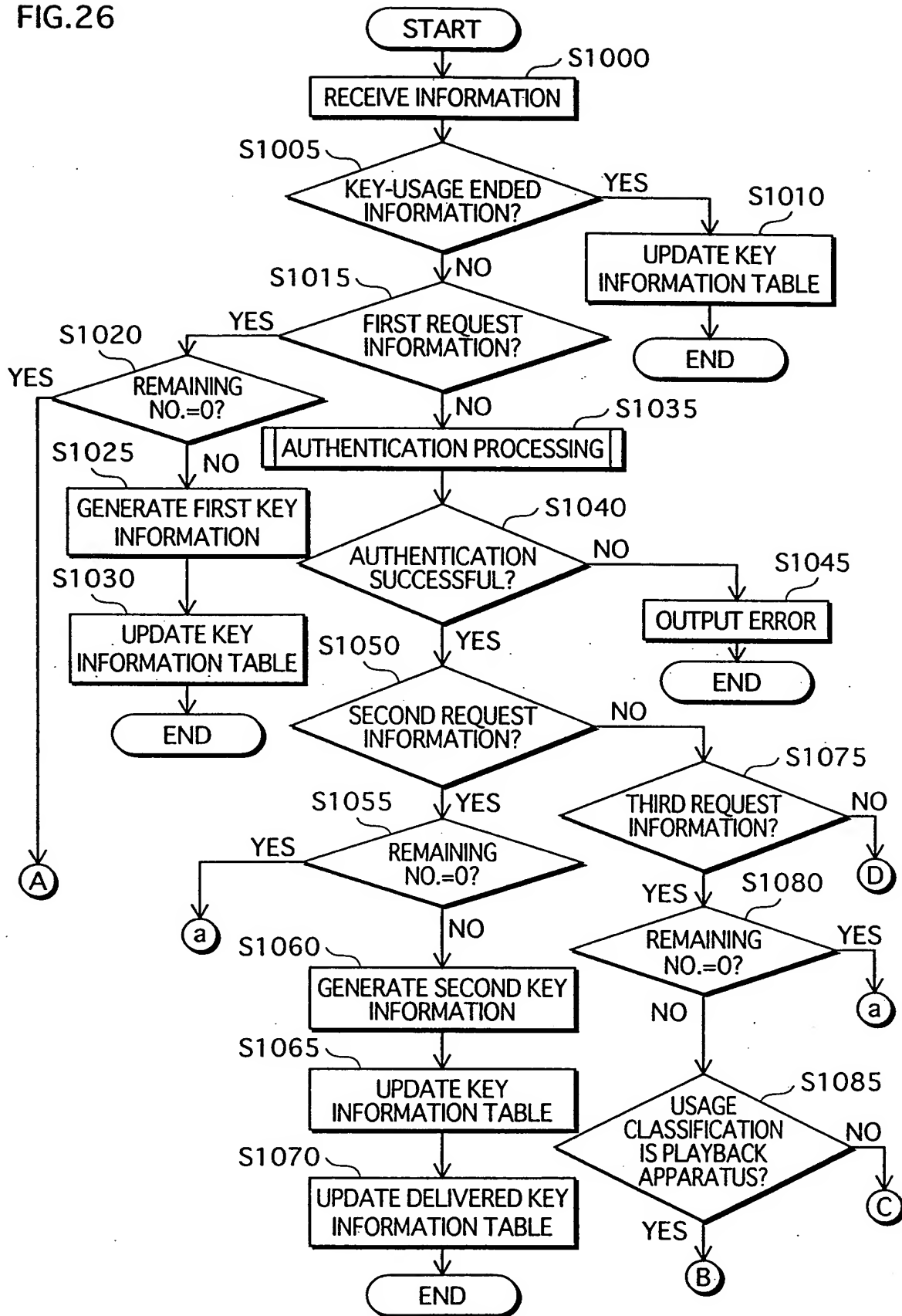


FIG.27

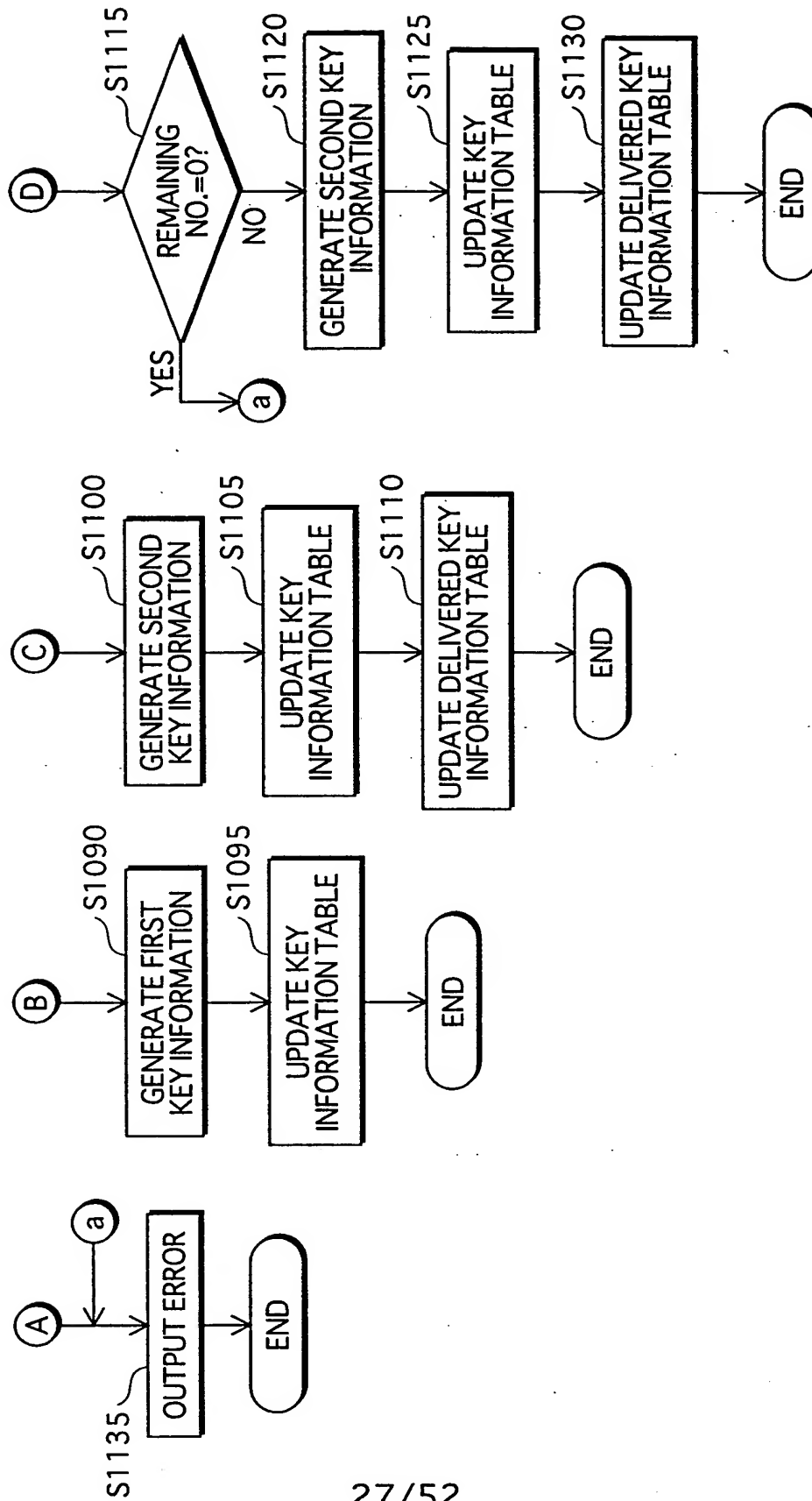


FIG.28

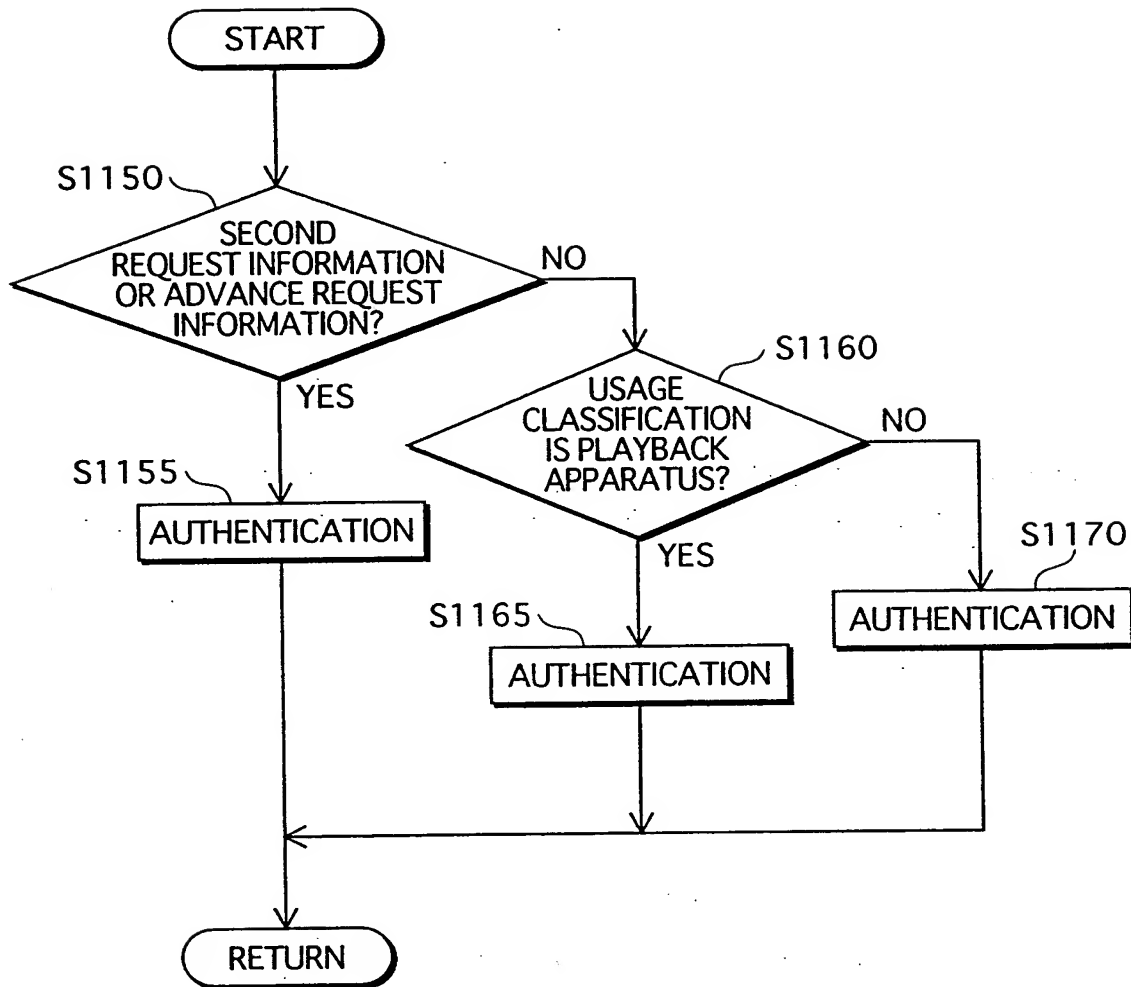
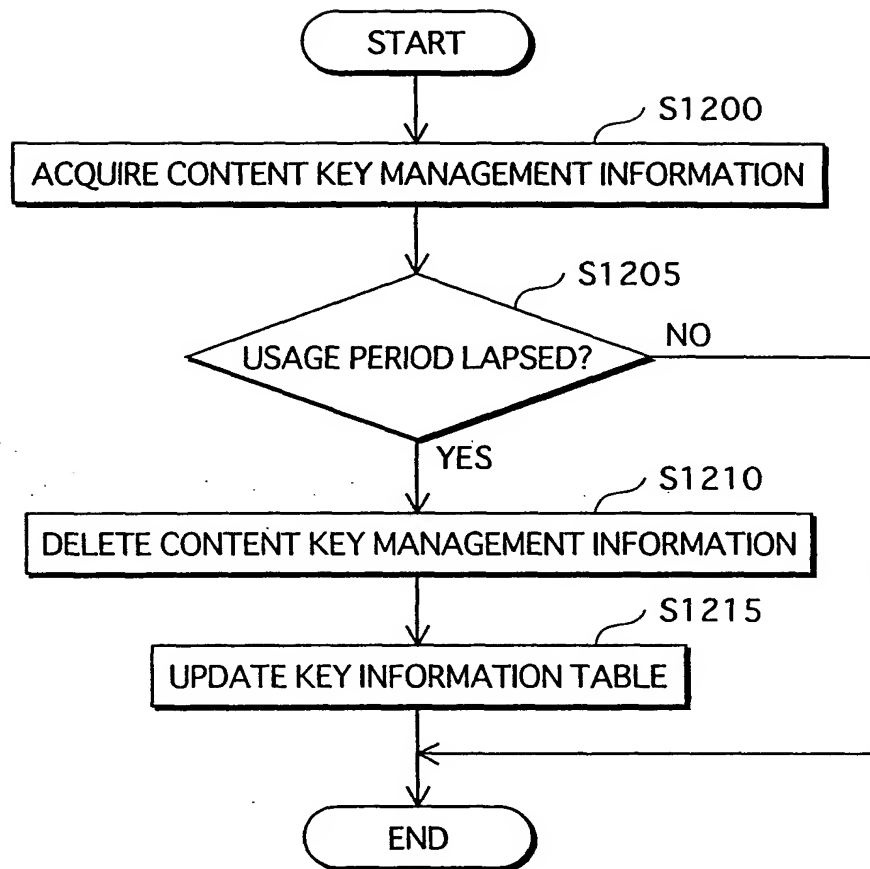


FIG.29



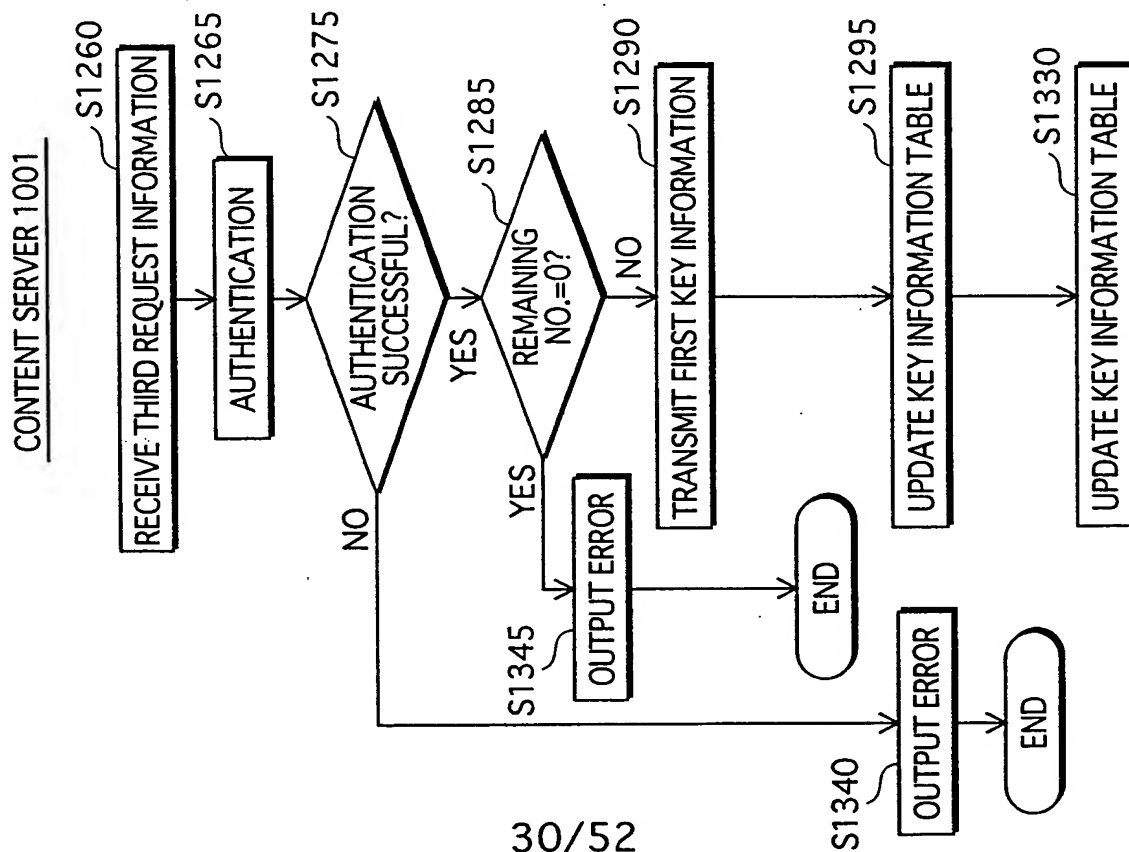
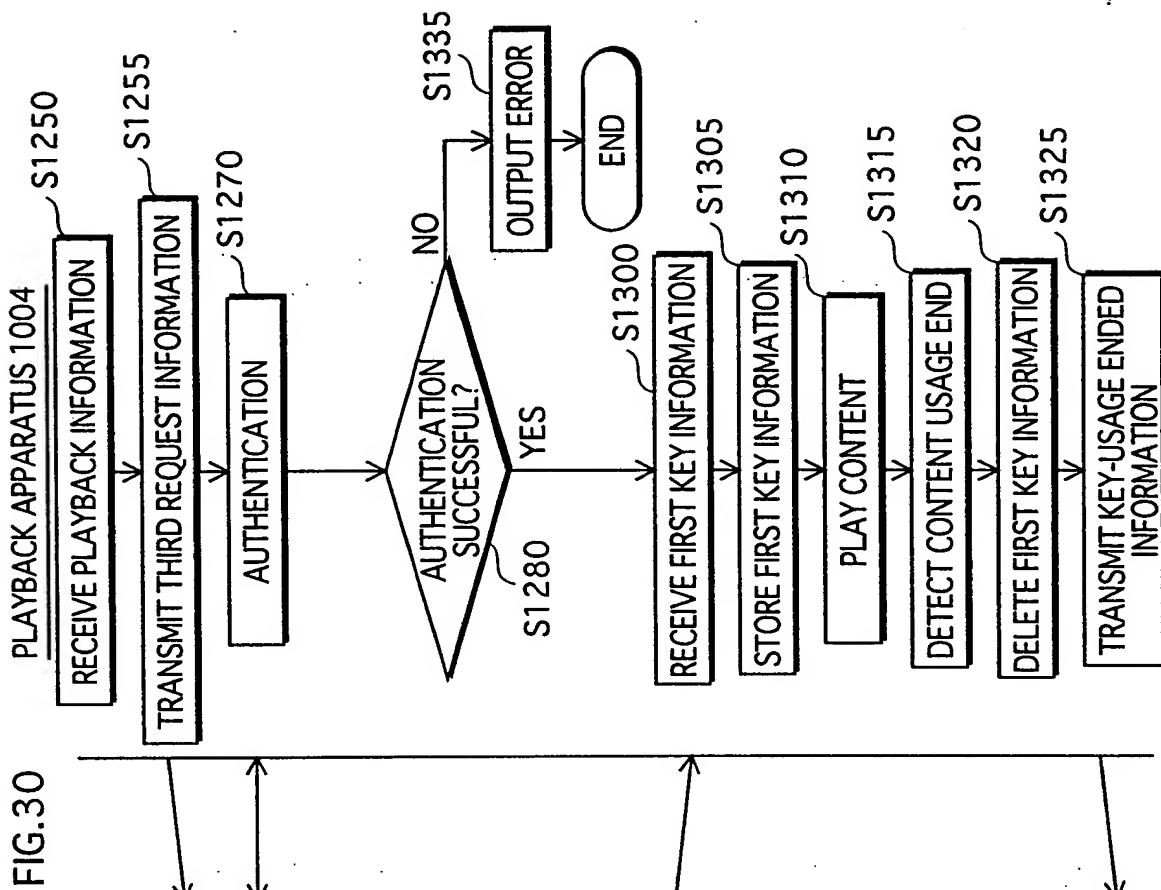


FIG.31

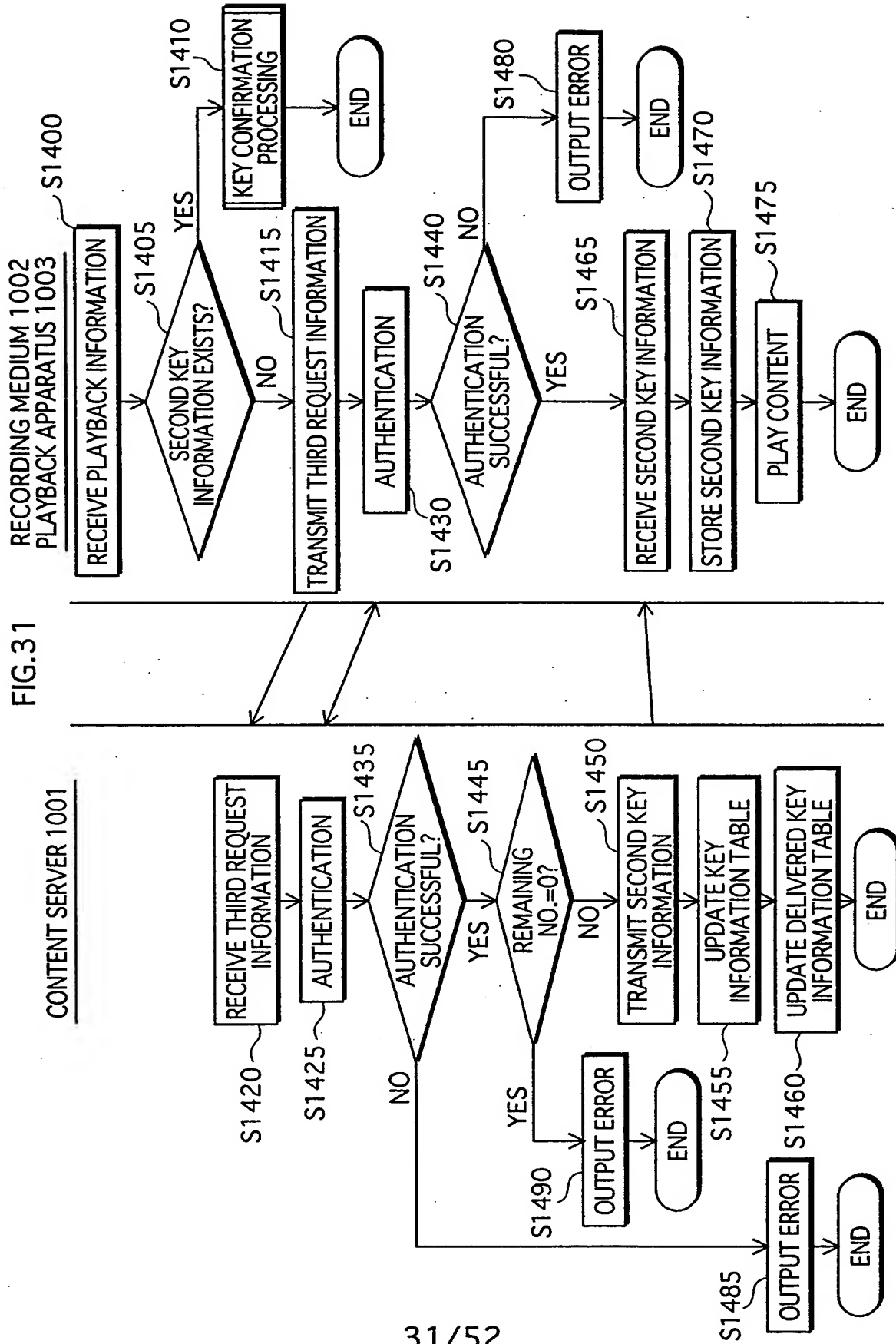


FIG.32

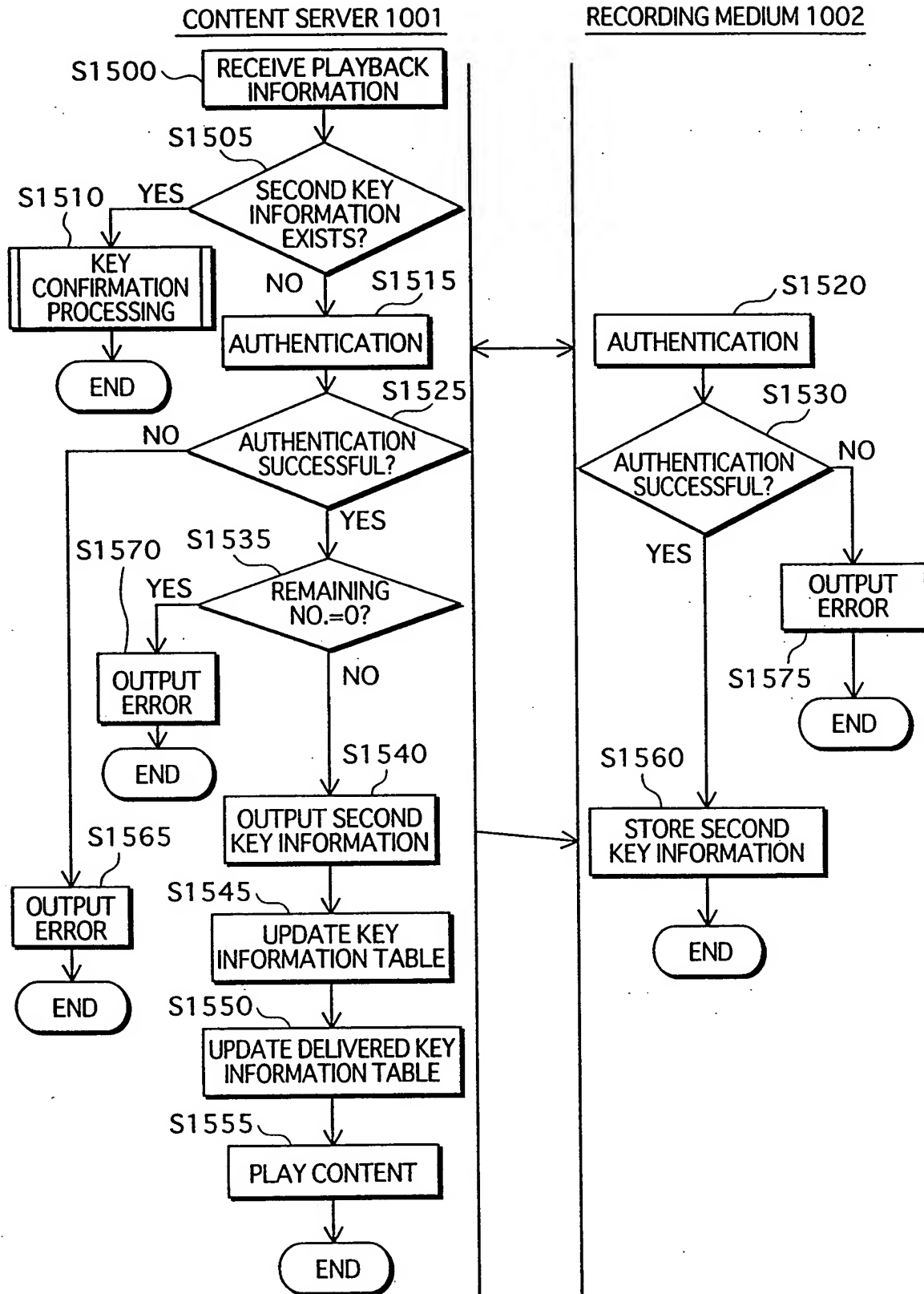


FIG.33

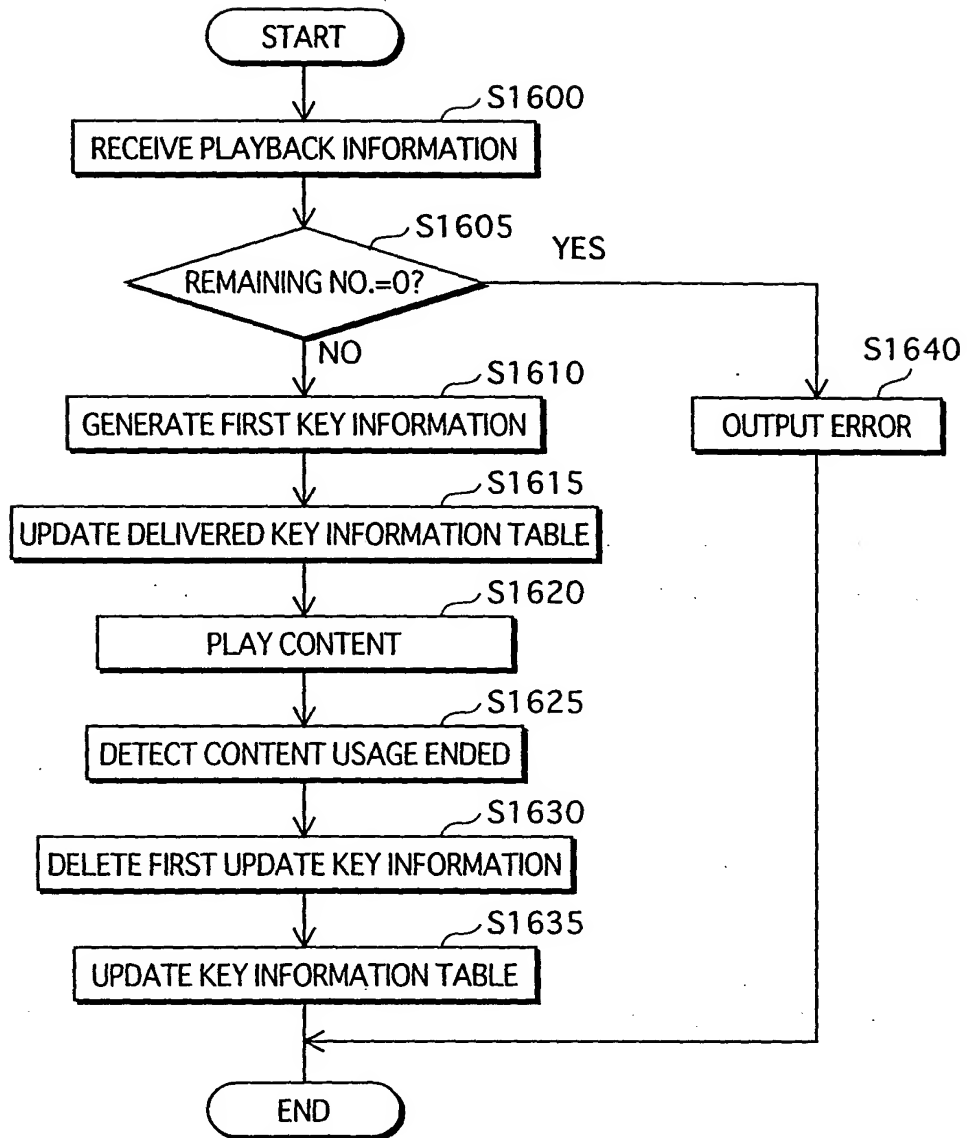


FIG.34

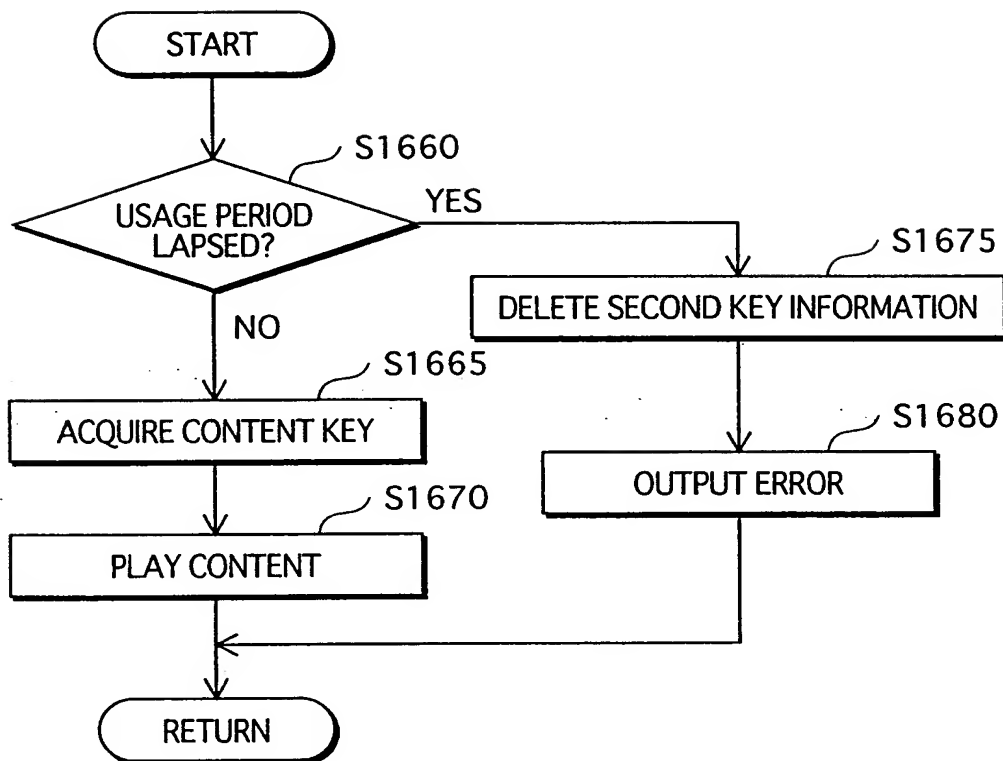


FIG.35

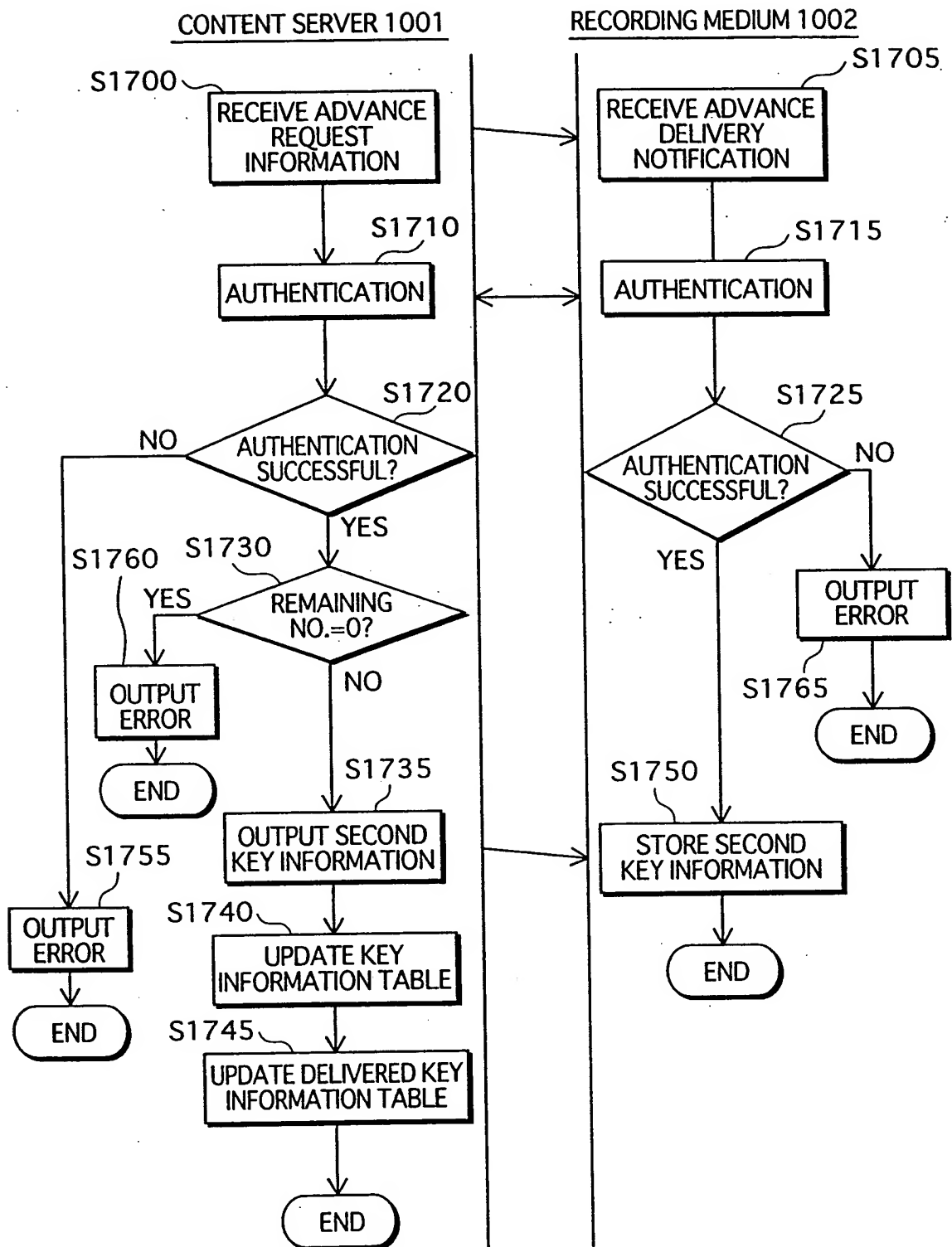


FIG.36

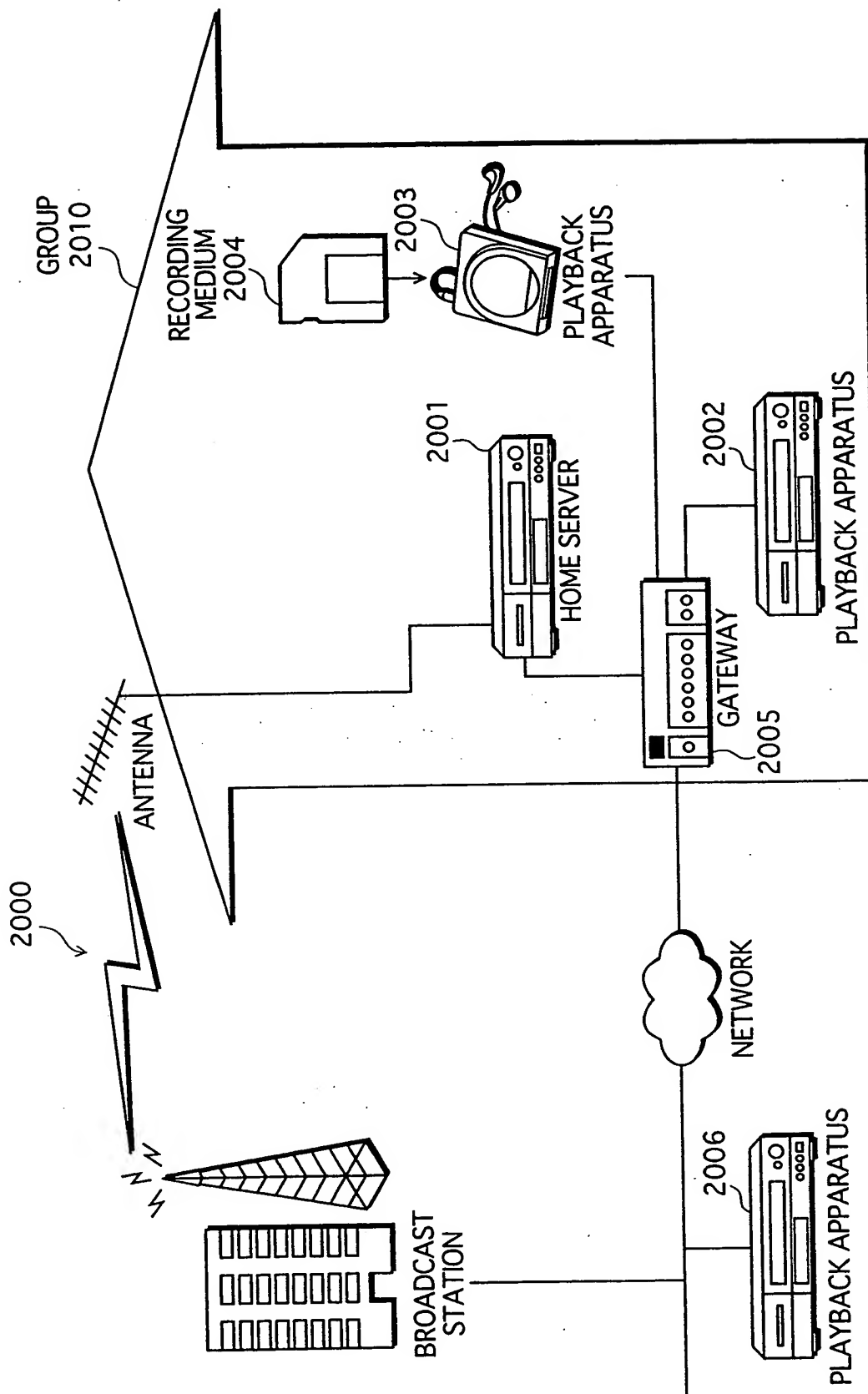


FIG.37

2001

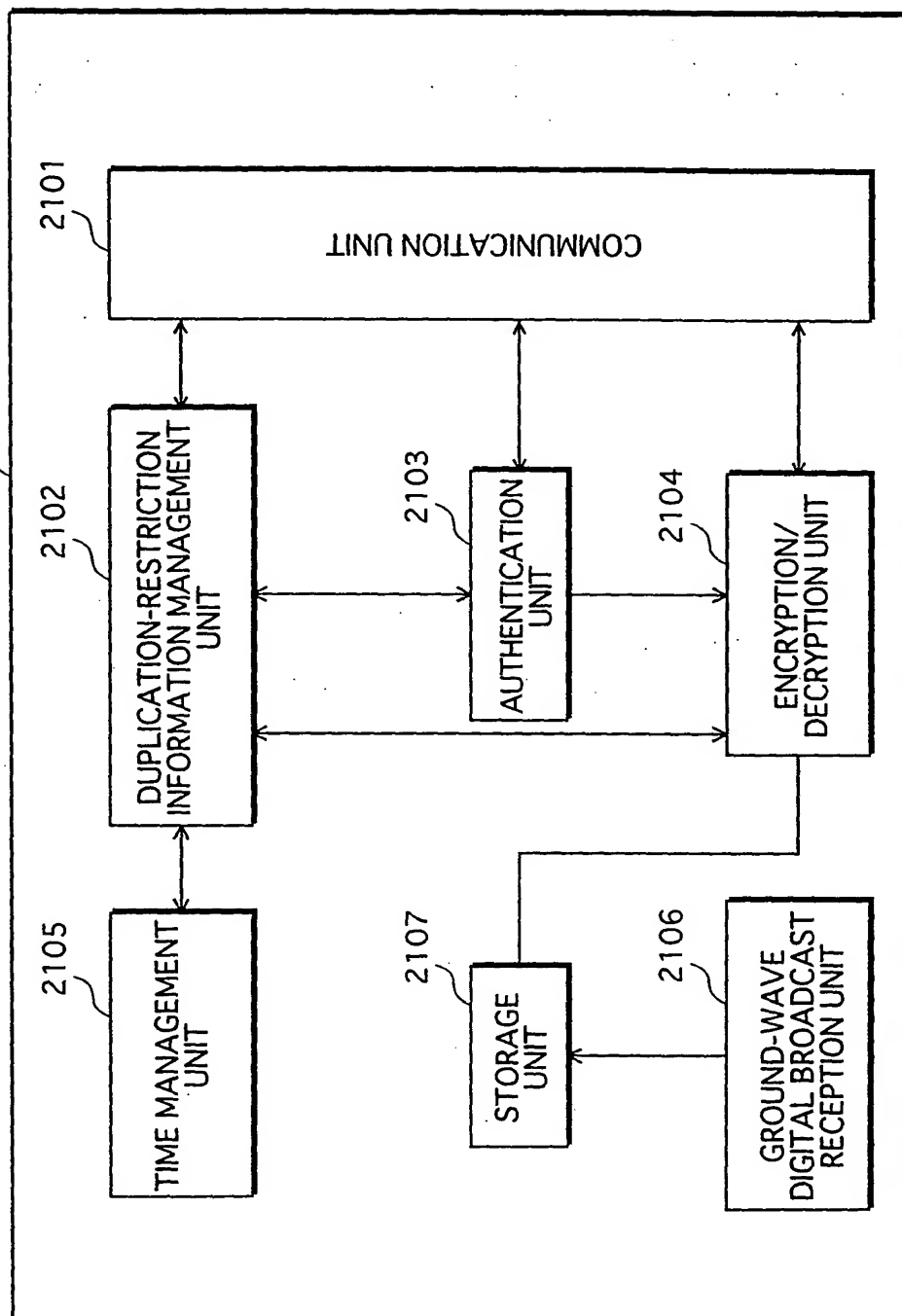


FIG.38A

| |
|-----------------------------------|
| CONTENT ID |
| IN-GROUP APPARATUS REMAINING NO. |
| OUT-GROUP APPARATUS REMAINING NO. |
| IN-GROUP MEDIUM REMAINING NO. |
| OUT-GROUP MEDIUM REMAINING NO. |
| USAGE PERIOD INFORMATION |

FIG.38B

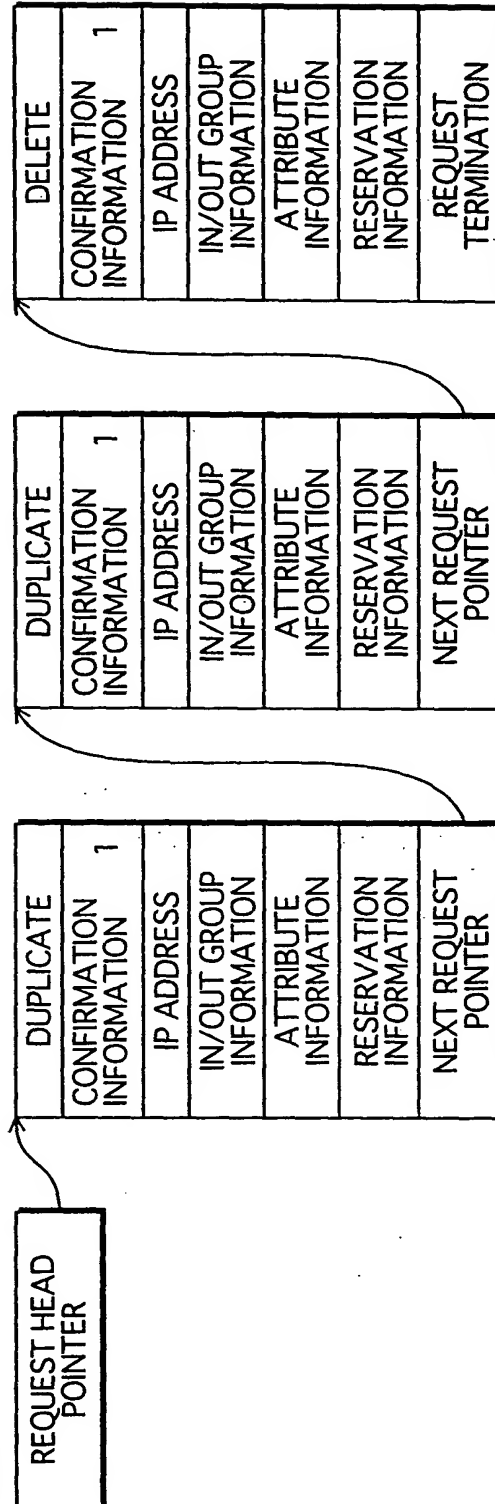
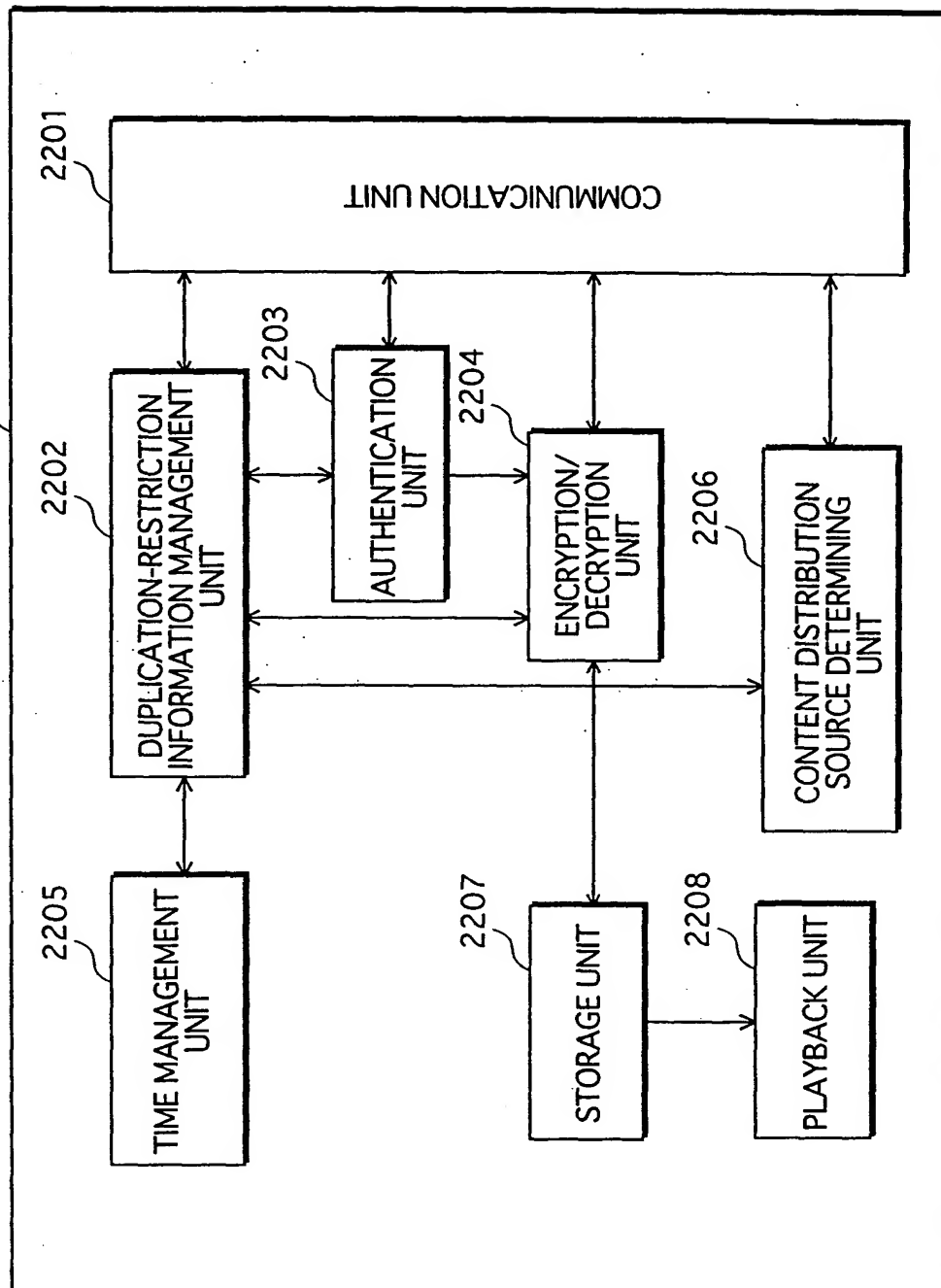


FIG.39 2002



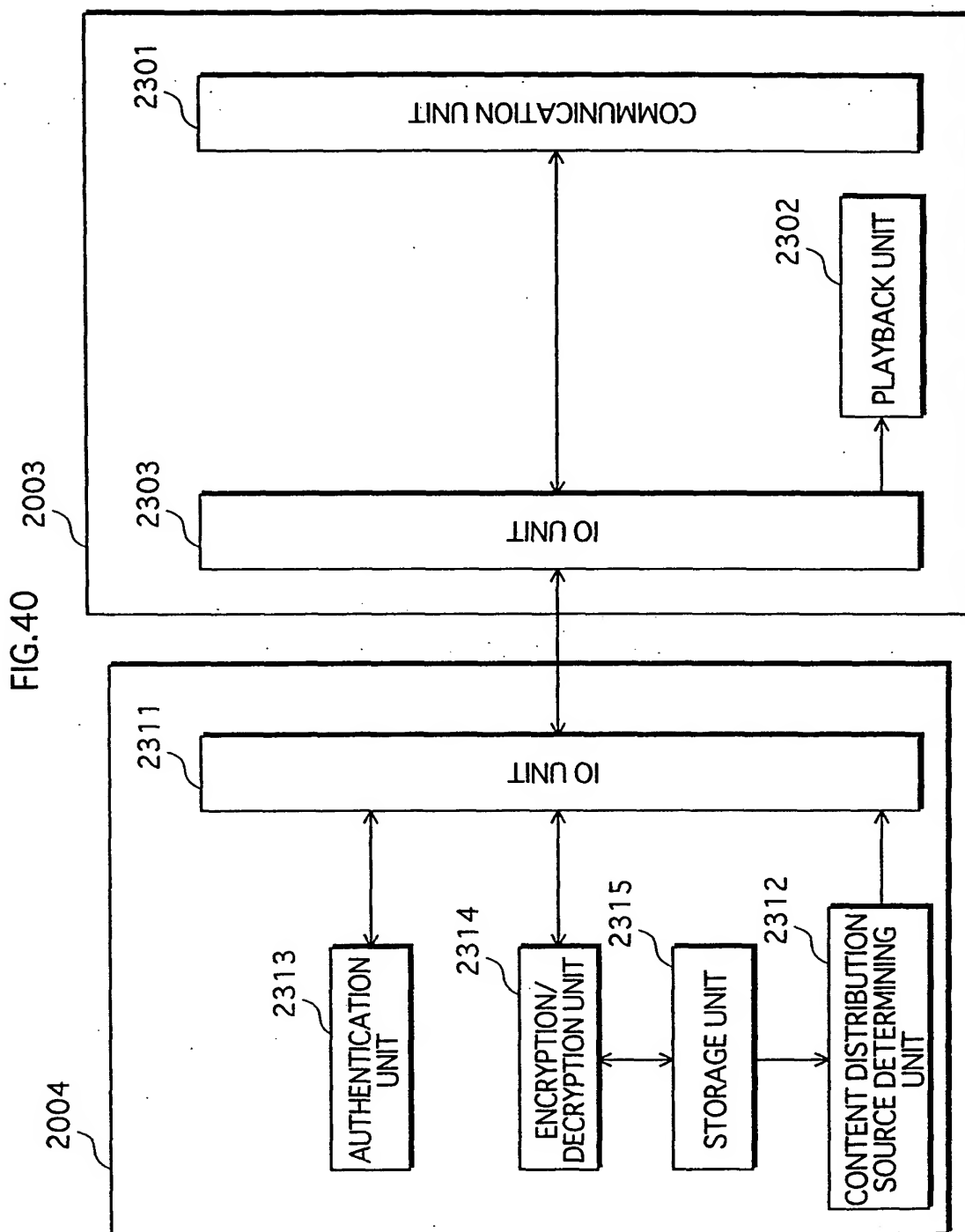


FIG.41

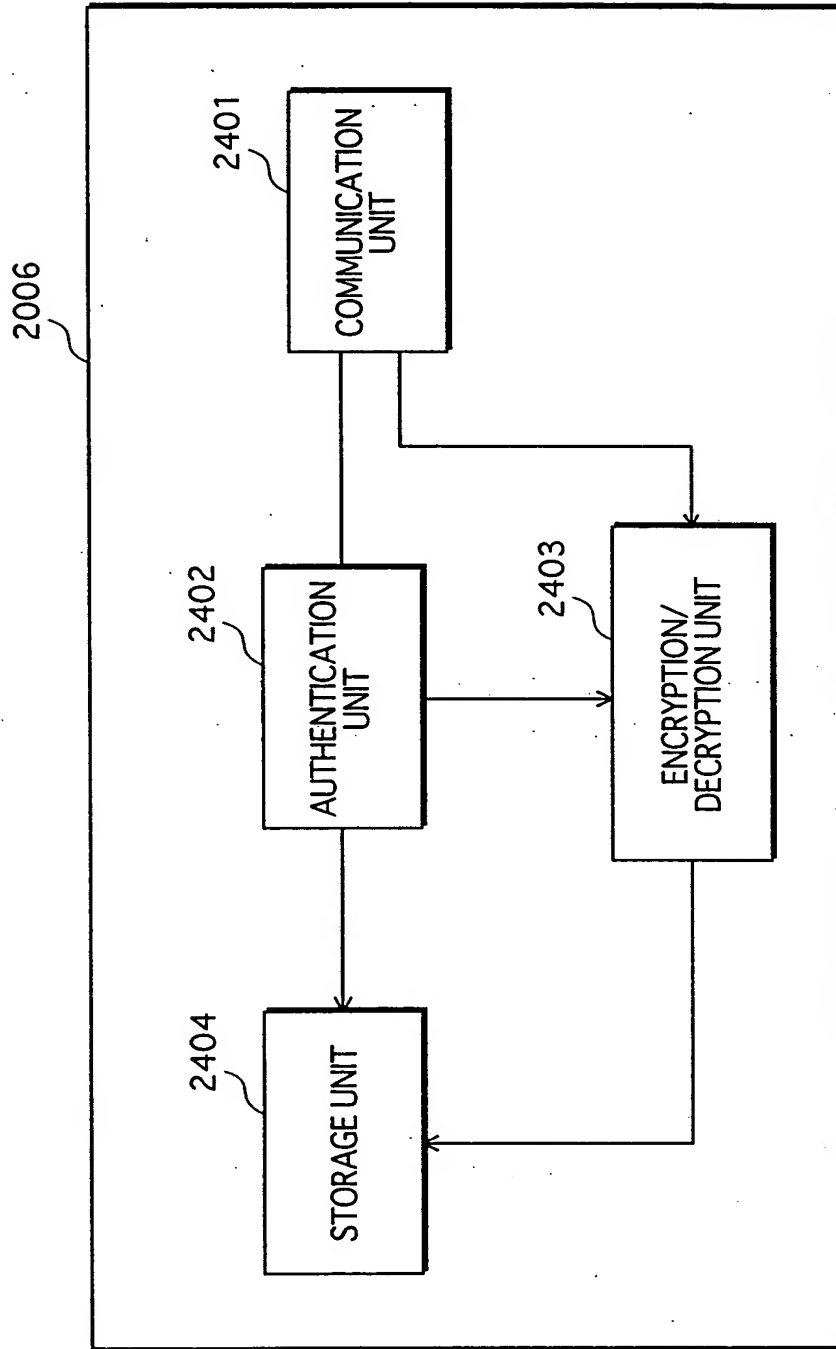


FIG.42

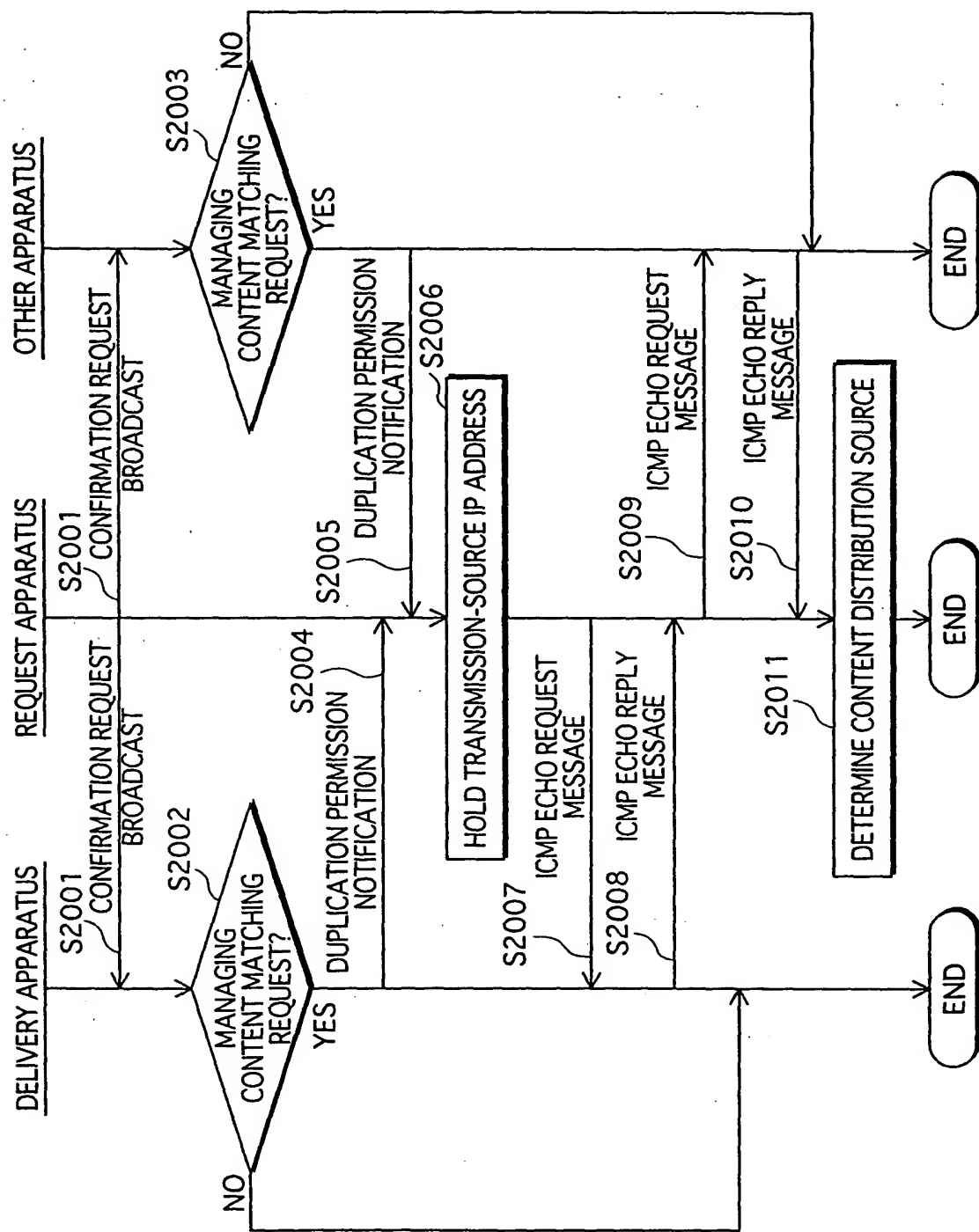


FIG.43

MUTUAL AUTHENTICATION
AND KEY SHARING

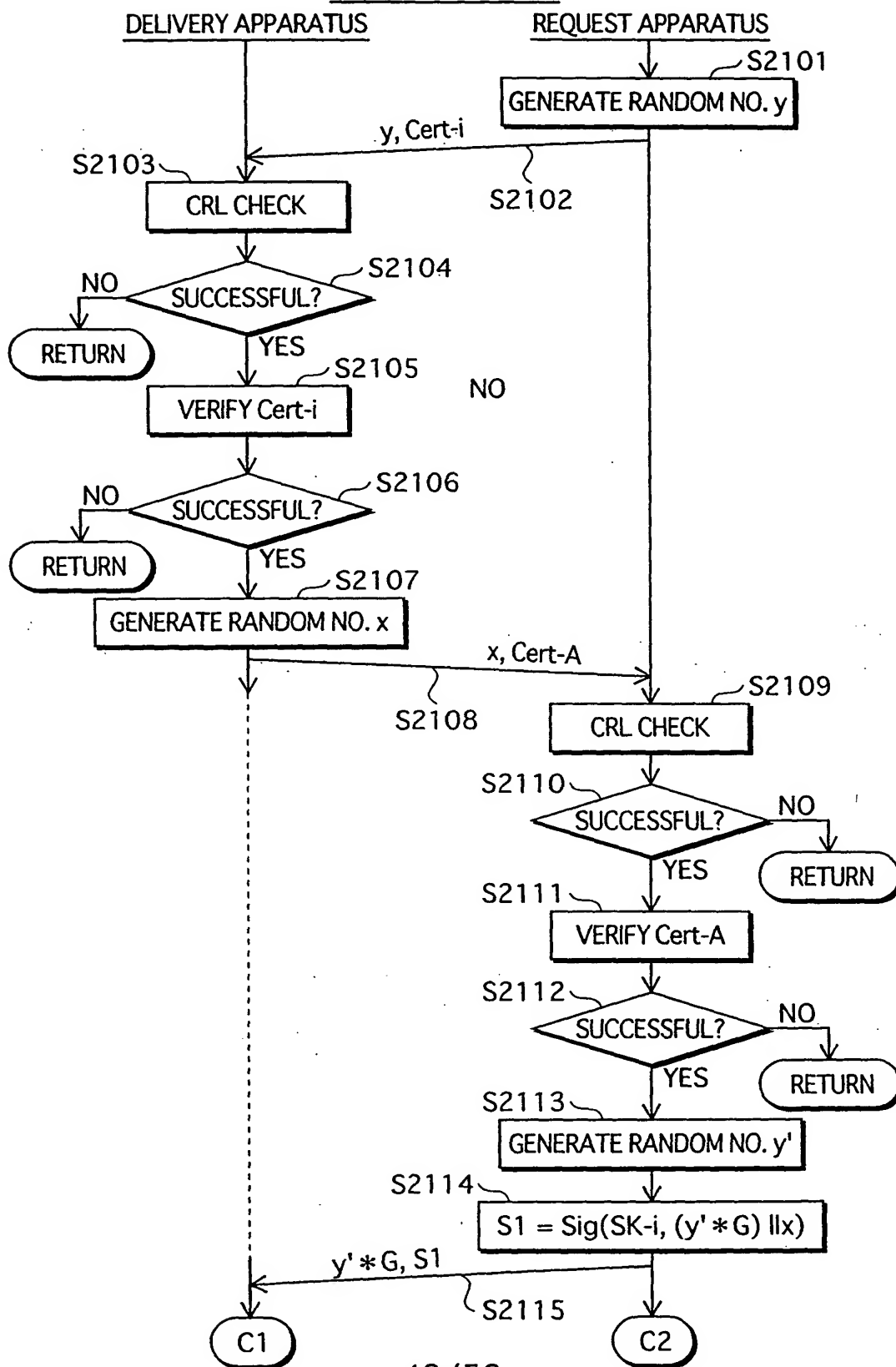


FIG.44

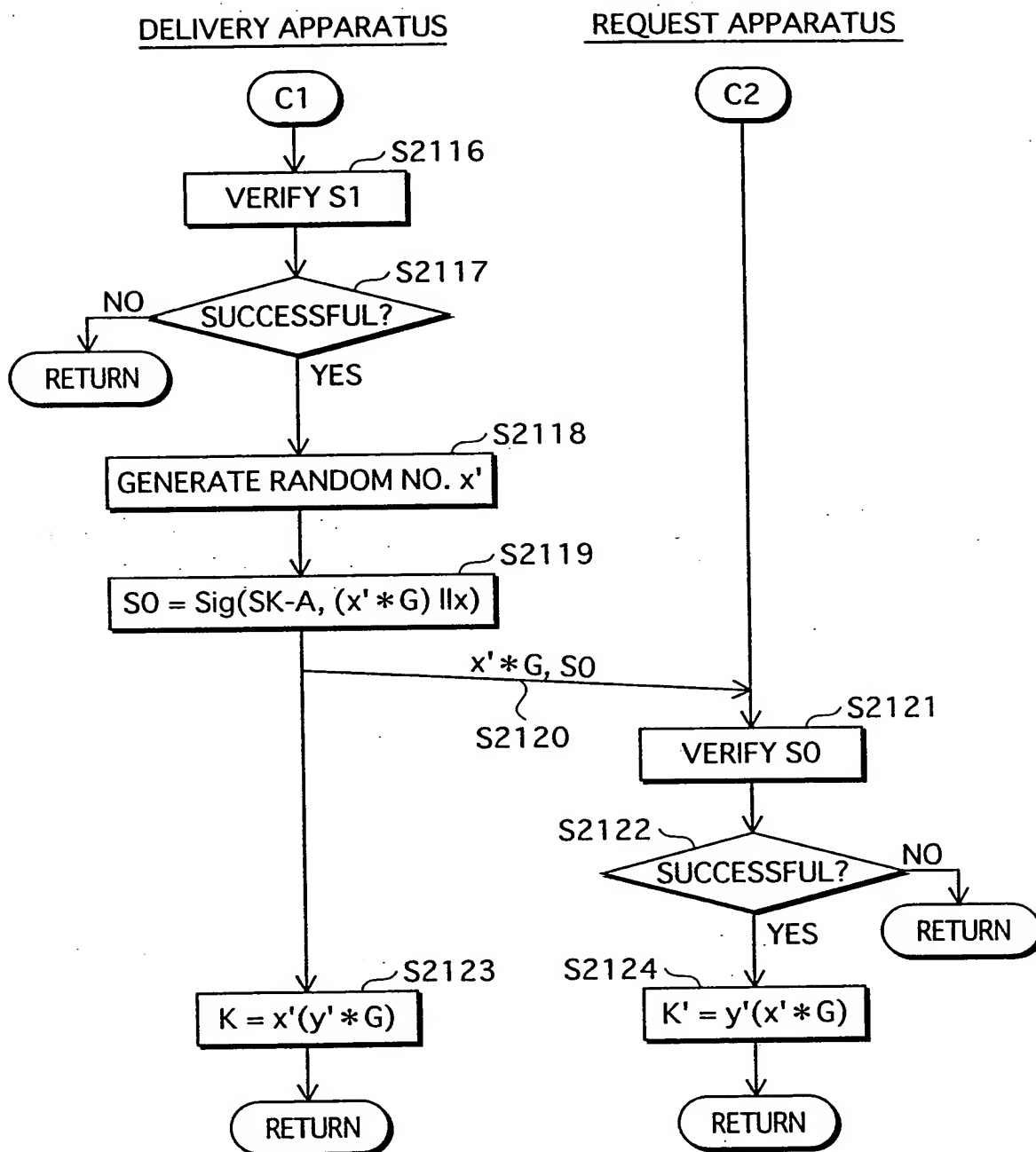


FIG.45

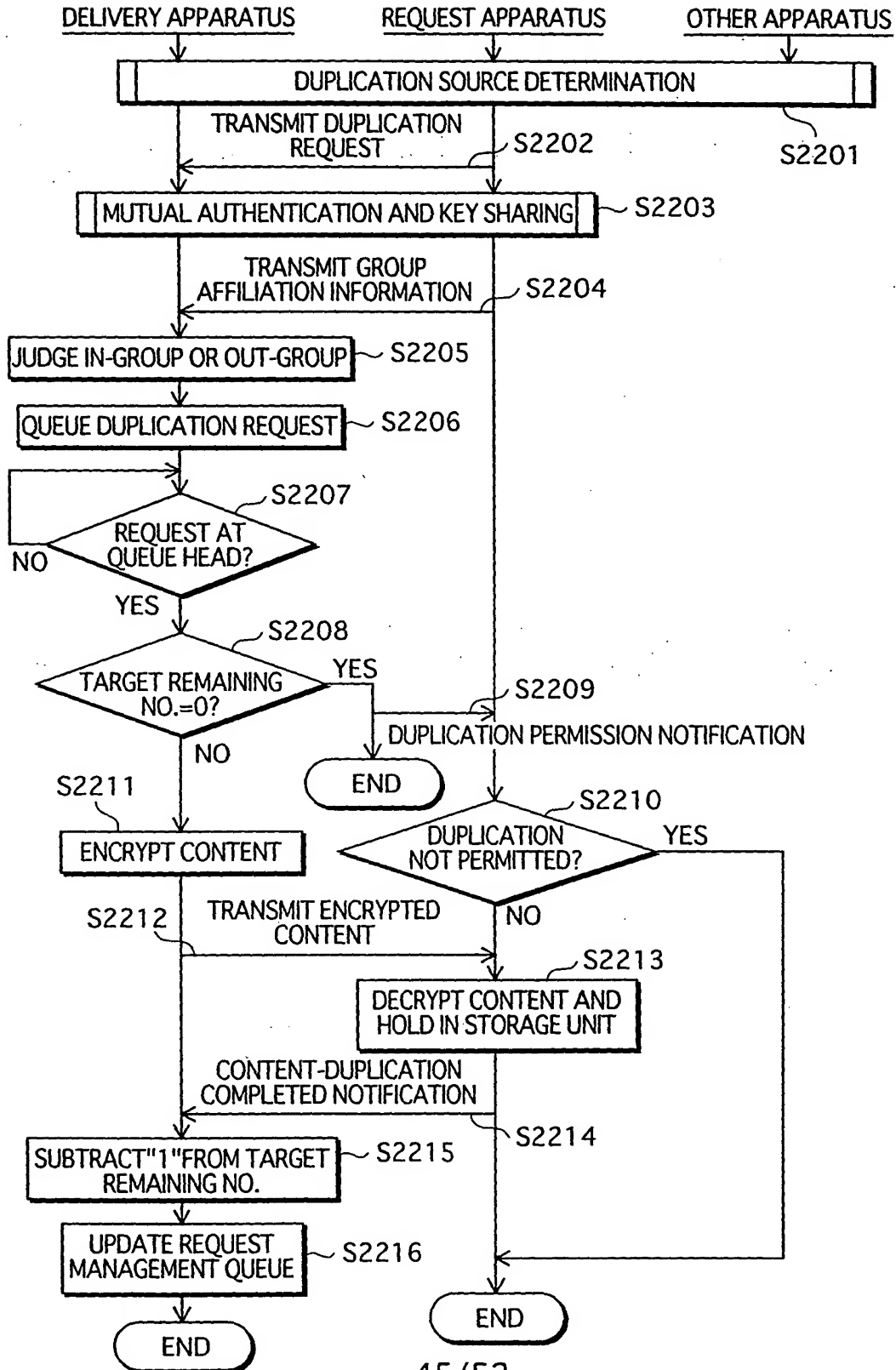


FIG.46

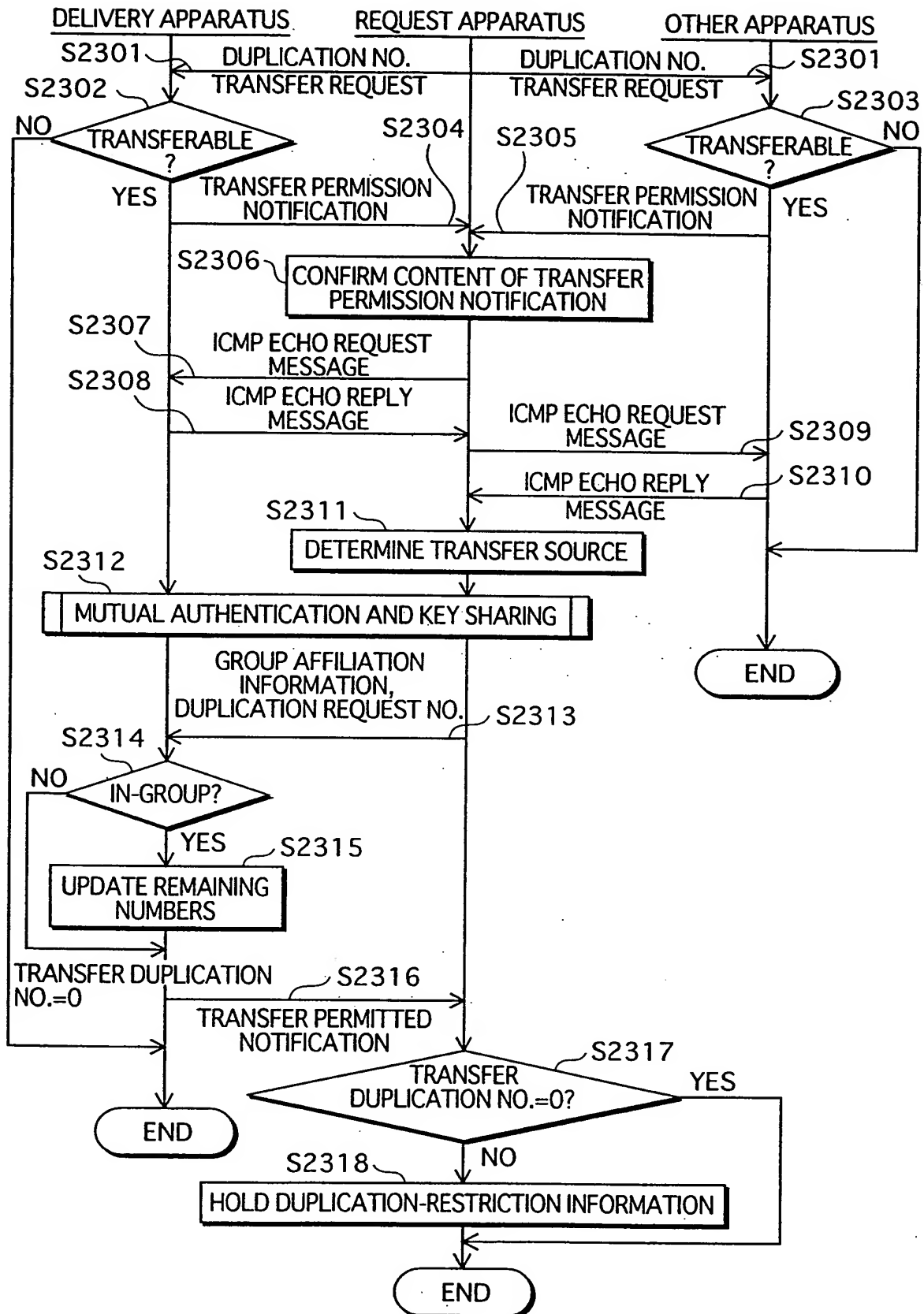


FIG.47

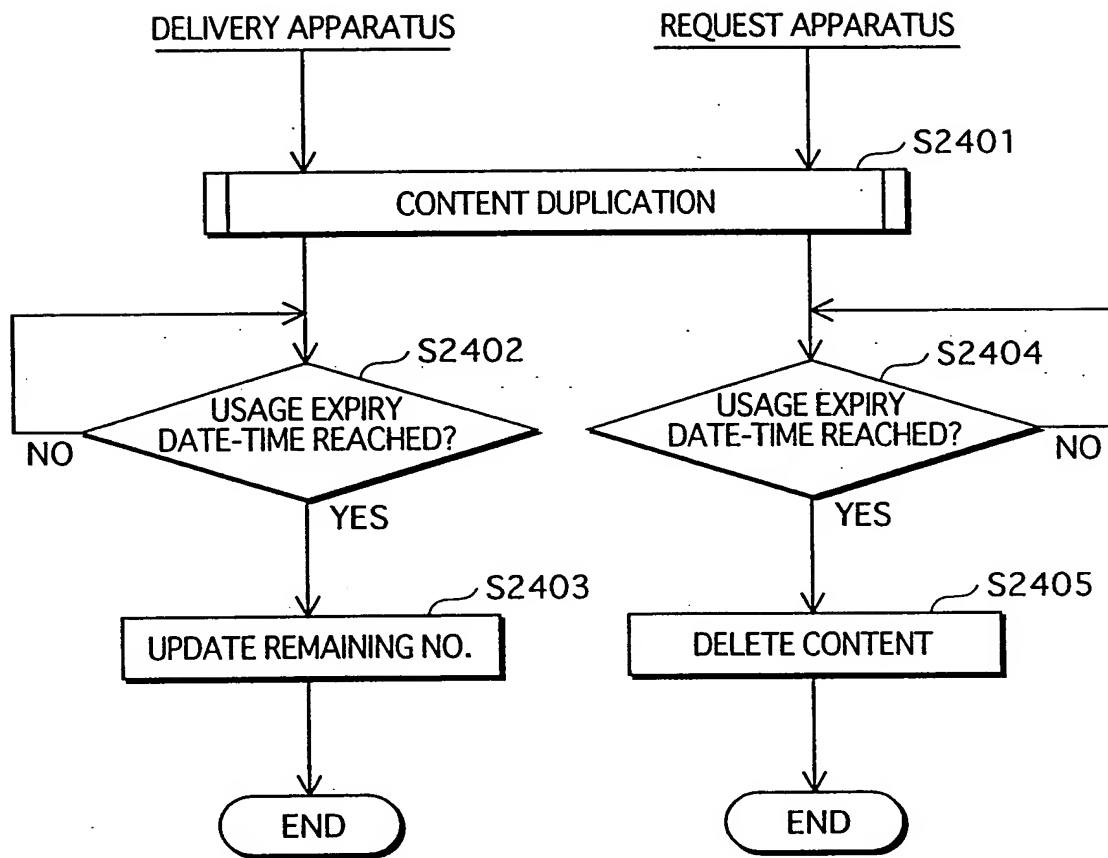


FIG.48

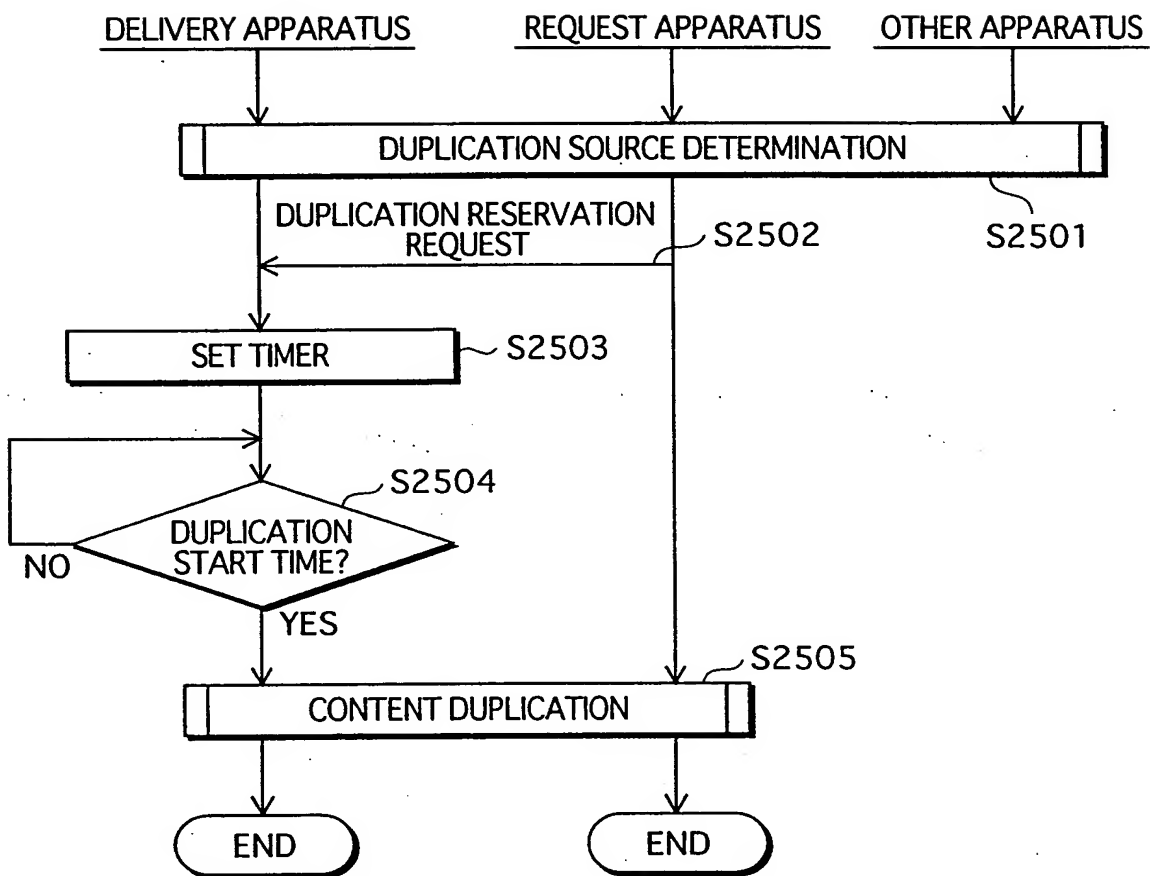


FIG.49

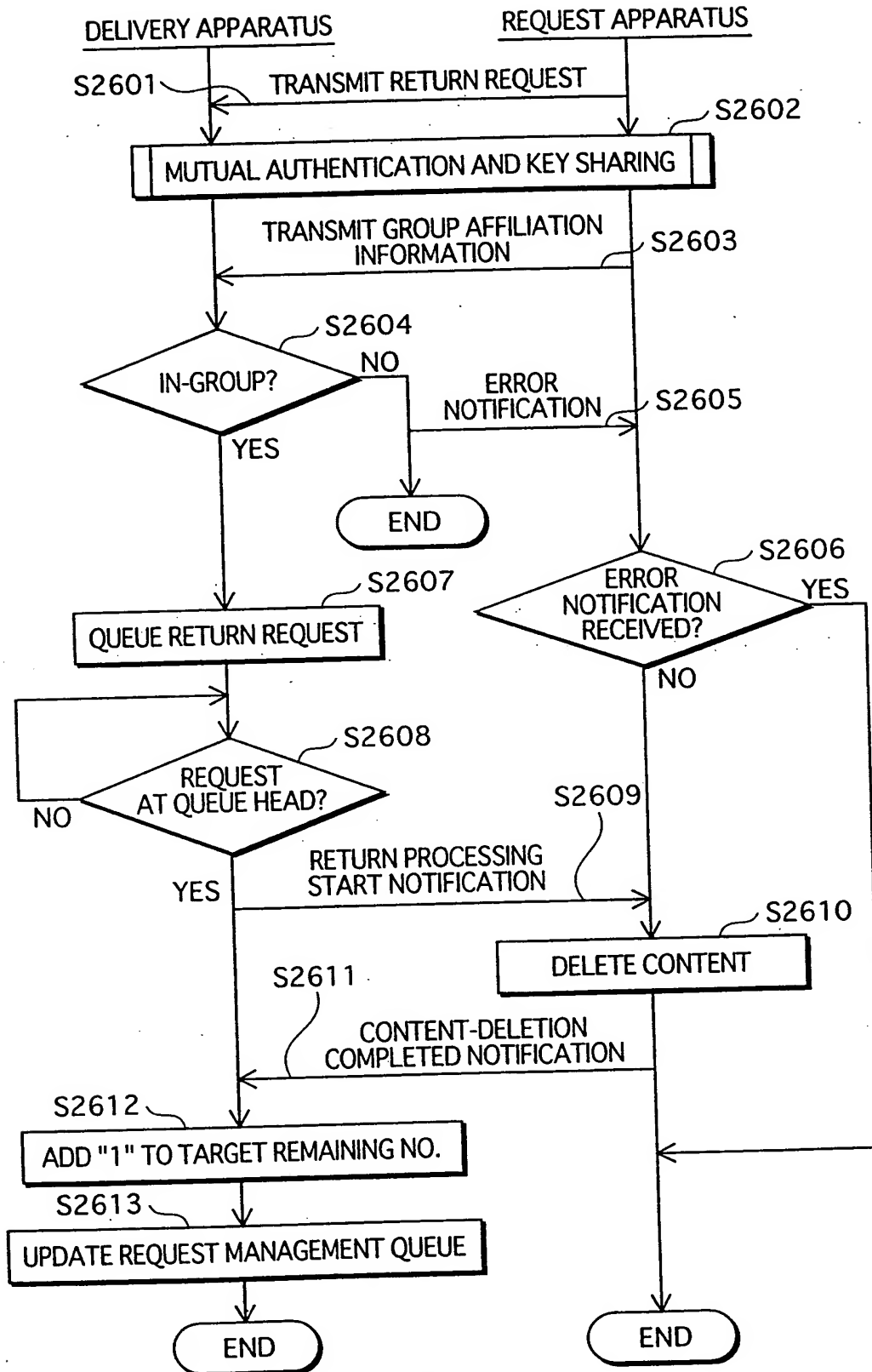


FIG.50

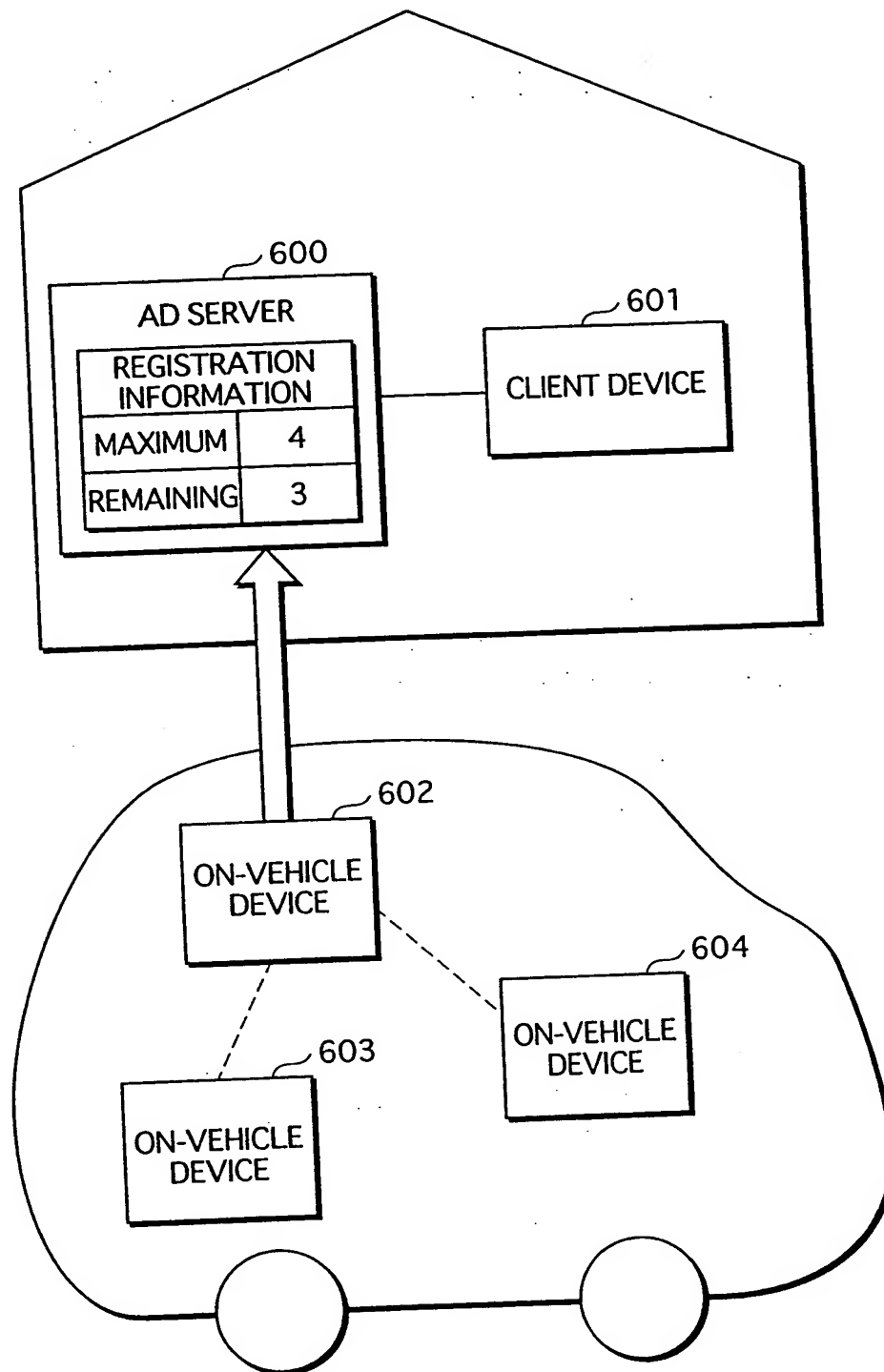


FIG.51

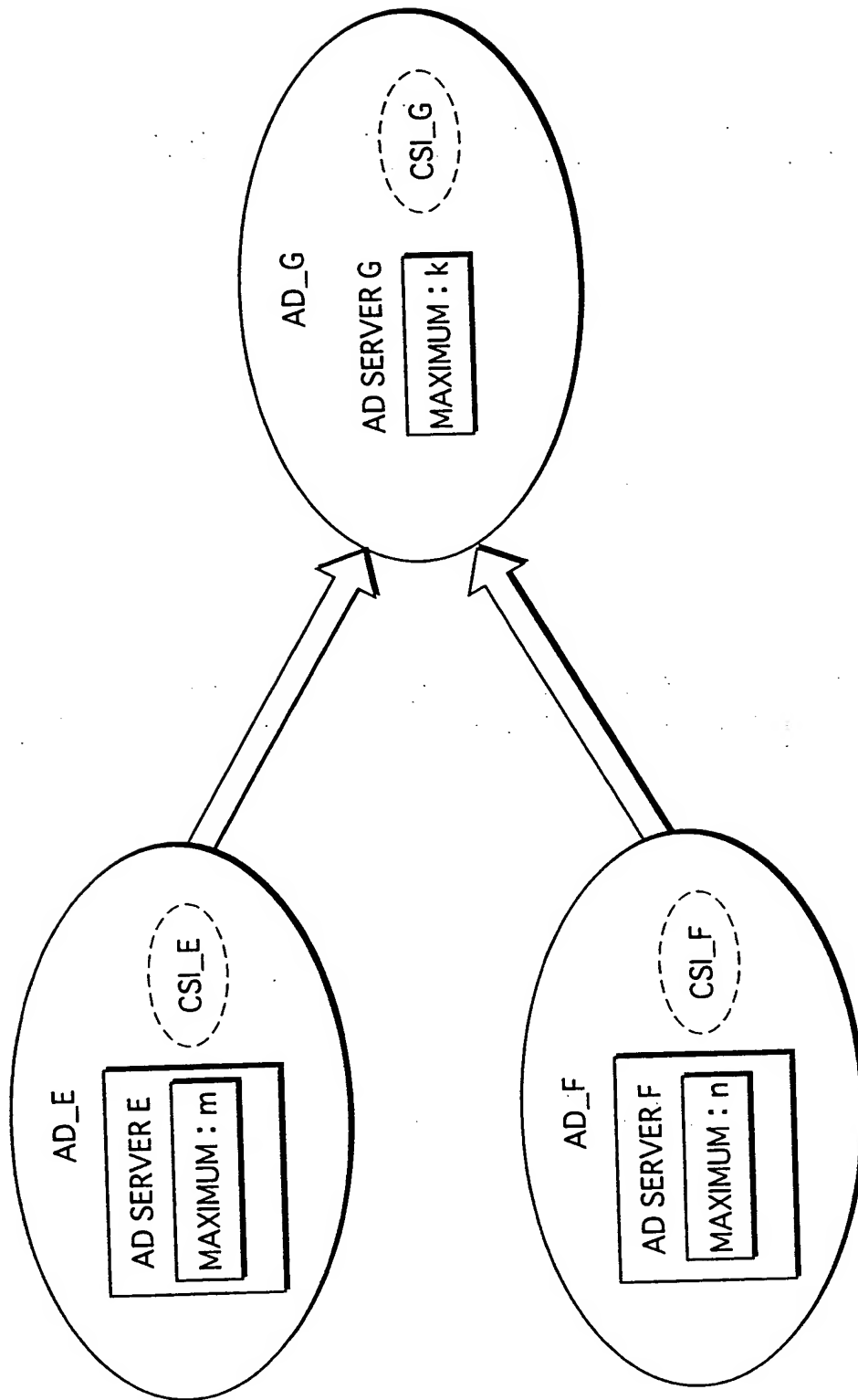


FIG.52

